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THE NORMAL SCHOOL BULLETIN

Vol. 1. *No. 1.*

APRIL, 1907

SUMMER SESSION ANNOUNCEMENTS

PUBLISHED BY THE SOUTHERN ILLINOIS STATE NORMAL UNIVERSITY,

JANUARY, APRIL, JULY, OCTOBER.

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Southern Illinois State Normal University.

Summer Session Bulletin.

1907.

June 10 to July 19.

Published January, April, July and October, by the Southern Illinois State Normal University, Carbondale, Illinois.

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INSTRUCTOR IN ENGLISH.

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STENOGRAPHER AND CLERICAL ASSISTANT.

*The names of the faculty appear in the order of their election.

GENERAL INFORMATION.

1. Following Commencement.

The Summer Session follows so closely upon the exercises of Commencement week, that many who plan to come for the Summer term would find it very pleasant and profitable to come one week earlier so as to enjoy the various programs from June 2nd to June 6th. Thus becoming acquainted with the school, its environment, and the town would more than compensate for the extra expense.

2. Summer Sessions.

This will be the twentieth special or Summer Session. The Summer term has become one of the regular terms and credits will be given for completed work. Many have found these terms very helpful in completing work undertaken at other terms; some are able to even up their courses; others to complete their courses; and still others to review and take drill preparing them for passing the teacher's examination.

3. Rail Road Rates.

Persons coming to the Summer Session should secure certificates when purchasing their railroad tickets, as it is probable that the railroads may grant some concessions to those who attend the Summer term.

4. Boarding.

Good boarding may be had in clubs for about $2.25 per week; and in private families for about $3.50 or $4.00 per week. Not a few arrange to board themselves by light house keeping, thus materially reducing the expense.

5. Tuition and Incidental Fees, etc.

The same regulations, relative to fees, etc., that govern in the other terms apply in the summer session; but as the length of term is one-half the usual length, these fees are proportionally lessened; the incidental fee being one dollar, and the tuition fee three dollars. The laboratory fee is one dollar. Persons holding scholarships under the Lindley Bill are relieved from entrance and laboratory fees.

6. The Literary Societies.

Since a goodly number of those who attend the Summer term have at some former time been a member of the School and also a member of one of the literary societies it has been decided to ask these societies to have charge of this feature during the Summer term, and offer at least two programs during the session.

7. Courses Offered.

The following courses are offered, with the understanding that others may be given should the demand warrant. On the other hand, should the demand be insufficient in case of any herein offered, the class will not be formed, but special care will be taken to supply work of equal value.

For a fuller outline of the work offered see the annual catalog; a copy of which will be forwarded at once upon request.

SYLLABUSES OF DEPARTMENTS.

1. Psychology.

Mr. Parkinson.

Classes will be formed, should the demand justify, in both A and B work as outlined in the regular catalog.

If but one class is formed, the one accommodating the larger number will be selected.

Texts.—Gordy, Garlick and Dexter.

II. Pedagogy and Training.

Three Classes in Pedagogy will be offered. Mr. Wham.

1. The Art of Teaching.

White's book will be used as the text, with considerable outside reading. Those completing the course will receive one full credit.

2. *School Management.*

Seeley's New School Management will be the text.
Other authors will be examined as time allows.
Completion of this course will entitle to one full credit.

3. Elementary Education.

Keith's book, used in the reading circle, will be the basis for this work. Its completion will secure a credit on the regular courses.

Other courses will be given as the demand requires. Three lines of work will be offered in Training.

1. Practice Teaching.

In grades one, two, and three,	Miss Wilson.
In grades four, five, and six,	Miss Wertz.
In grades seven and eight,	Miss Peters.

Success in teaching one class in any one of these grades will entitle to one-half credit. Two such classes may be taught and a full credit secured.

The plans for managing these practice classes will be the same as in the regular terms.

2. Plan-making and Observation.—Mr. Harwood.

This work will present two phases:

Observation of illustrative lessons and the discussion of the method involved.

Making plans for teaching special topics, to train in applying pedagogy.

3. Construction.

In first three grades,	Miss Wilson.
In second three grades,	Miss Wertz.

Two weeks will be given to each of these: card-cutting, raffia, and reed work.

This is intended for those who wish preparation for such work in their teaching. It is a phase of manual training. No credits will be given.

Practice and Plan-making will rank as full studies, requiring not less than one-half hour of outside preparation for each day's exercise.

III. English Grammar.

Miss Buck.

This department offers four grades of work:

1. State Course Grammar.

For those who expect to teach next year, and are deficient in grammar, there will be a class following the State Course of Study for the 8th year.

As the time is too short for full work, this class will give more attention to gaining a thorough knowledge of the topics than to methods of teaching the same.

No special text used.

2. B Grammar.

This will be a class for regular first-year Normal pupils as outlined in the catalog of the institution.

Text.—Buck's Elements.

3. A Grammar.

This will be a class in methods of teaching grammar to both grade and high school pupils.

No special text used.

4. English Analysis.

This is the regular senior work in idioms and rhetorical expressions. The influence of logic and rhetoric is based upon grammatical forms.

Text.—Buck's Grammar and Analysis.

IV. Department of Literature and Rhetoric.

Mr. Shryock and Miss Bryden.

1. A Reading.

This work is based upon the reading work outlined in the State Course of Study.

2. C Literature.

Text.—Brooke's History of English Literature, and Swinton's Studies in English Literature.

Additional studies:—Lady of the Lake, Carlyle's Essay on Burns, Macaulay's Essay on Milton, Tale of two Cities, Last of Mohicans, Miles Standish.

3. Elocution.

Text.—Cumnock's Choice Readings.

V. Zoology and Botany.

Mr. French and Mr. Browne.

1. Botany and Zoology.

The work offered in Botany and Zoology will prepare for examinations before County Superintendents for first-grade certificates, and for making grades in the regular courses of study.

2. Biology, Agriculture, and such other work that belongs to this department will be given if called for.

Text in Botany—Gray.

Text in Zoology—Animal Forms—French.

3. Physiology.

The central thought will be hygiene of the individual, and the sanitation of the home, the school, the village, the town, and the city. Some knowledge of anatomy and physiology is a prerequisite to success in this course.

The needs of those who are preparing for a teacher's examination are kept in view.

Text—Martin.

4. Nature Study.

A series of talks on the common plants and animals which furnish materials for object lesson to be used in language work, and in elementary agriculture will be given. This line of work will be especially helpful to primary teachers and others who have nature study work in their schools.

5. Chemistry.

Such portions of the regular courses in chemistry, as outlined in the catalog, and as may be desired, will be given. Two hours per day will be required.

Text—Newell.

VI. Physical Science.

Mr. Davis.

1. Beginning work in Physics.

The regular C class treats of the fundamental principles of the subject. The principles are experimentally illustrated and carefully discussed during the class period. Much emphasis is placed on the construction of apparatus suitable for demonstrating physical truths. The pieces made by students are their property.

This class prepares for the examination in most of the counties in the Southern part of the state, and gives one credit toward graduation from the institution. The class will be given two hours per day.

2. Advanced work in Physics.

Choice of two parts of the subject will be offered, A Physics or B Physics, as outlined in the catalog. A Physics treats of heat, light, magnetism and electricity. B Physics treats of all parts of the subject not included in the first named division.

Three objects are kept constantly in view in each course named:

1. To become familiar with the principles of physics.
2. To acquire skill and accuracy in the solution of physical problems.
3. To learn how to construct apparatus that may be used in actual classwork.

Familiarity with Physical principles is attained by class discussion based on the text book.

Each of these courses requires two hours per day for a regular term and four hours per day for the summer term.

A full credit toward graduation is given on the completion of each of the above courses.

VII. Mathematics.

Mr. Kirk and Mr. Felts.

The aim of the work in Mathematics for the Summer Session is, as far as possible, to meet the requirements in this science of those who are preparing to teach in the public schools next year for the first time; of those who desire a more complete mastery of the subjects through review; and of those who wish to make a credit on the records of the School.

The student's effort will be directed in a way to quicken his perception of features of prime importance; his power to give the logical steps in a demonstration; and his ability to exercise individual judgment and reasoning without slighting the value of expertness in business processes.

The following classes are offered:

1. Review Arithmetic.

This will be for those who are reviewing the entire subject preparatory to an examination and for a more thorough knowledge of the subject.

Text—Sensenig and Anderson.

2. State Course Arithmetic.

This will include the work as outlined for the eighth year in the State Course of Study. The plan of study will be by topics rather than pages of some certain text. The student should have a copy of the State Course of Study and three or more modern arithmetics.

Those who do satisfactorily the entire work of State Course Arithmetic or Review Arithmetic will be given a credit in B Arithmetic.

3. D Algebra.

This will cover the entire work usually given the Spring term. It is for those who are somewhat irregular in the course, and for teachers who wish some beginning algebra. A credit in D Algebra will be given provided the work is satisfactory.

Text—Milne's Elements.

4. B Algebra.

Simultaneous equations containing two unknown quantities more than two, Inequalities, Involution, Evolution, Theory of exponents, Radicals, Quadratic equations. Discussion of the general equation.

5. C Geometry.

Definitions and General Principles, Rectilinear figures, Triangles, Quadrilaterals, Other polygons, Problems, The circle, Constructions, Theory of proposition. Similar polygons.

6. B Geometry.

Continuation of similar polygons, Constructions, Problems, Areas of Polygons, Measurements of the circle, Maxima and Minima of plane figures, Symmetrical figures, Problems.

VIII. Department of Latin and German.

Mr. Allen.

1. L Latin—This term of Latin is intended for beginners, and for those who wish to review first year Latin. Hale's First Latin Book will be used as the text, and about thirty-five lessons will be taken. Quantitative pronunciation will be taught.

2. K Latin—This is the second term of first year Latin, and the last half of Hale's First Latin Book will be completed.

3. Advanced Latin—Another class, more advanced than those above, will be organized, if there is a sufficient demand for it. The work done by this class will be determined by the needs of those wishing to enter it.

4. German—A course in beginning German will be given. This course is open to those who wish to study German, for the first time, and may be taken by others who have studied German, but want to review the subject.

Lange's German Method is the text.

Another class in more advanced German may be formed. The character of this course will be determined by the pupils wishing to organize such a class.

IX. History and Geography.

Mr. Smith and Mr. Colyer.

1. State Course Geography.

In this class special attention will be given to the seventh year Geography as laid down in the State Course of Study.

Most teachers find difficulty in presenting the first month's work in the seventh year. The topics will be carefully considered and those who take this work will be assisted to a thorough understanding of this difficult subject.

Credit will be given in B Geography for satisfactory work.

2. State Course History.

The amount of work laid down for the seventh and eighth years

is too extended to be reviewed in full. The Course will therefore be confined to the last two months of the seventh year and to the first half of the eighth year. Special attention will be given to the organization of the government under the constitution.

Credit will be given in B History.

3. Method in Geography.

This course will be offered to those who wish to secure credit upon the records of the institution. The work will be given in the form of lectures which will be discussed by the members of the class. There will be five general divisions of the subject:

1. The Nature of the Subject Matter.
2. The Sense Phase of Geography.
3. The Imaginative Phase of Geography.
4. The Reasoning Phase of Geography.
5. Illustrative Lessons.

4. Method in History.

Credit will be given for satisfactory work in this course. The general plan will follow Mace's Method which is the text used in the subject. One should have read some Pedagogy and have a fair knowledge of United States History before entering this class. The time will be given to two general topics:

1. What is the real Nature of History.
2. The Elementary Phase of History Teaching.

5. Review Classes in Geography and History.

Classes will be formed to meet the needs of those who wish a rapid review of the above subjects, preparatory to taking the teachers' examination.

McMaster's School History and Frey's Geography will be the texts preferred.

6. Illinois History and Civics.

The requirements of the law relative to the examination of candidates for teacher's certificates will be easily met by those who enter this course and give the subjects a just share of their time and attention. "A Student's History of Illinois" will be the text in history; the Civics work will be presented in the form of lectures.

X. Drawing.

Miss Salter.

The increased interest in the subject of drawing in the schools has resulted in a greater demand for its study. The Department of Art offers for the summer term, three courses, as follows:

1. B Drawing.

This includes water color as well as pencil as a medium. Work is done from nature and still life. Some principles of design are studied and application made in the decoration of simple objects drawn by the class.

Some geometrical problems are studied to help in construction and design. It is expected that those who take this work will have had some practice in drawing.

2. Blackboard Drawing.

This is studied with special reference to illustrative drawing. The aim is to enable the student to have a command of the crayon and to give him the ability to make simple drawings that will be helpful in teaching.

3. History of Art.

In this course a study is made of Architecture, Sculpture, and Painting in order that the pupil may be made familiar with the masterpieces in these subjects. A text book will be used as the basis of instruction but this will be supplemented by talks, readings and pictures.

XI. Music.

Mr. Black.

The increasing sentiment in favor of music in the public schools makes it necessary for every one who is preparing to teach to secure at least an elementary training in music.

Two classes are offered. The first will be based on the Natural Music Course. This class will begin at the foundation of music and progress in a pedagogical manner, leading the student into an appreciation of the vocal art. The purpose of this class will be to give each one a knowledge of musical terms, and to read music readily.

The second class will embrace ear training, rote songs for children, song stories and their history, interpretation, application and presentation of songs, and chorus drills.

XII. Athletics.

Mr. Black.

The work in Athletics will depend very much on climatic conditions. Classes will be offered for the purpose of studying the rules of all the games that come within the field of public school work, and their relative value as a culture study and promoter of physical vigor and health.

Opportunities will be given for practical work in Base Ball, Basket Ball, Tennis and Volley Ball.

The gymnasium is well equipped with shower baths, and these will be opened for regular use.

XIII. Physical Training.

Miss Stafford.

The course in physical training for the summer term will be especially adapted for teachers. It will include both the theory and practice of gymnastics.

A special series of school room gymnastics will be offered. This work is adapted to the needs of the pupils and to the limited space and time which must be considered in class room exercises.

Special attention will be given to the physiology of exercises.

The practical work in the gymnasium will include rhythm exercises, light apparatus work, and gymnastic games.

XIV. Library.

Miss Hester and Miss Hypes.

The excellent Library will be opened for use in the preparation of work as in the other terms of the school year. The large selection of periodicals will furnish ample reading matter for those who have the time for such diversion from the strenuous duties of the class room.

SPECIAL LECTURERS.

SINGLE LECTURES.

Hon. F. G. Blair, Springfield, Illinois.
Sup't. of Public Instruction.

Hon. F. A. Cotton, Indianapolis, Ind.
Sup't. of Public Instruction.

COURSES OF LECTURES.

Dr. Robert J. Aley, Bloomington, Ind.
Department of Mathematics, University of Indiana, June 24 to June 28.

Dr. Robert Allen Armstrong, Morgantown, Virginia.
Department of English, University of Virginia, July 8 to July 12.

Dr. Evarts B. Greene, Urbana, Illinois.
Department of History, University of Illinois, July 1 to July 3.

Summer Session Program 1907.

Period	Time	Parkinson	Buck	French	Salter	Smith	Harwood	Allen	Shryock	Kirk	Wertz	Period
1	7:30					S. C. Geog.			Elocution	B Geom.		1
2	8:20		A Gram.	Zoology	B Draw	A History	Plans & Observa.	L. Latin			Supervising	2
3	9:10	B Psychol.	S. C. Gram.			Ill. His. & Civics	Plans & Observa.	K. Latin	C Lit.	C Geom.	Supervising	3
	10:00	ASSEMBLY EXERCISES										
4	10:30		Eng. Anal.	Biology	Blackb'd Draw		Supervising	Adv. Latin			Constructi'n	4
5	11:20	A Psychol.	B Gram.	Agricul.	His. of Art	A Geog.		German	S. C. Read'g	B Alg.		5

PROGRAM—*Concluded.*

		Davis	Colyer	Peters	Wilson	Felts	Browne	Black	Stafford	Bryden	Wham	
1	7:30	C Physics	Review Geog.			D Algebra	Physiology			Assisting in English	E. Ped.	1
2	8:20		B History	Illus. Lessons.	Supervising	S. C. Arith.	B Chem.	Voc. Music	The'y of Phy'l T.			2
3	9:10		Review History		Supervising		B Chem.				D. Ped.	3
	10:00	ASSEMBLY EXERCISES.										
4	10:30	B Physics	S. C. History	Illus. Lessons.	Constructi'n	C Arith.		Voc. Music	School Exerc's and Games		C. Ped.	4
5	11:20						Nature Study					5

CALENDAR.

1907.

Commencement Week		June 2—6
Summer Term	Open	June 10.
	Close	July 19.
Fall Term	Open	September 10.
	Close	December 19.

1908.

Winter Term	Open	January 1.
	Close	March 12.
Spring Term	Open	March 17.
	Close	June 4.

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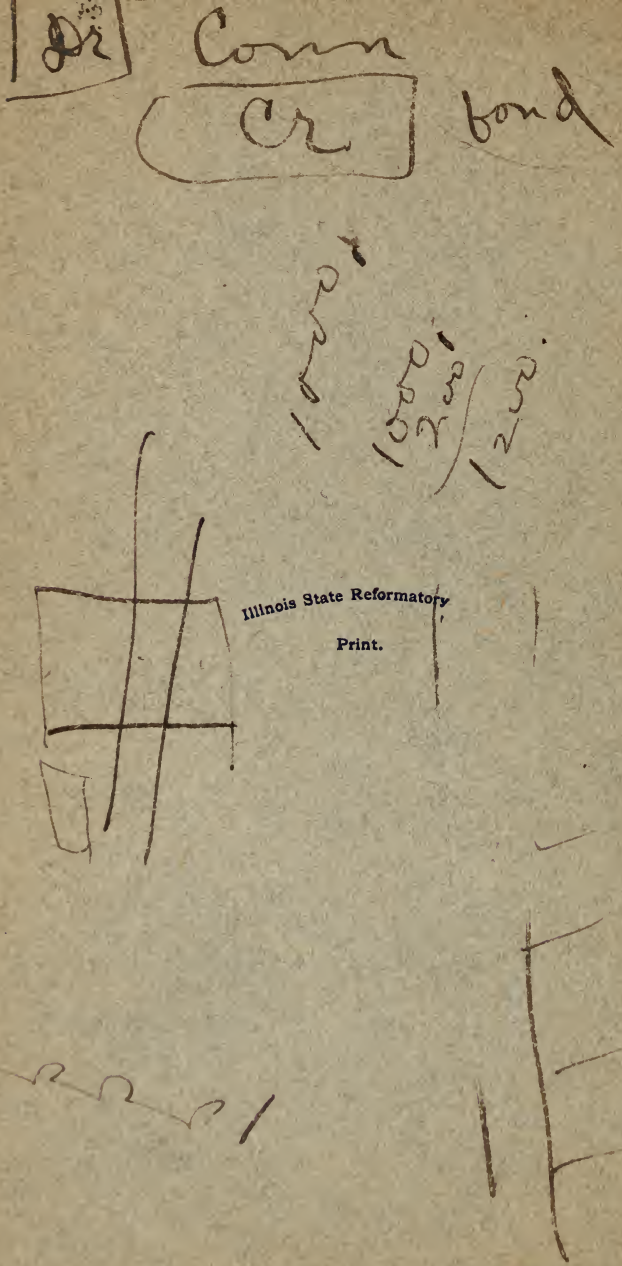
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THE NORMAL SCHOOL BULLETIN

Vol. IV No. 1

JANUARY, 1910

UNIVERSITY OF ILLINOIS

PRESIDENT'S OFFICE

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The

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Southern Illinois State Normal University

LIBRARY OFFICE

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for

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FRANK HALL COLYER, A. B.,
GEOGRAPHY AND PHYSIOGRAPHY

MABEL KATHERINE PETERS,
TRAINING TEACHER, 7th AND 8th GRADES.

JOHN M. PIERCE, A. M.,
ASSOCIATE IN LANGUAGES.

AMANDA ESTHER WILSON,
TRAINING TEACHER, 1st AND 2nd GRADES.

WILLIAM TROY FELTS,
ASSOCIATE IN ARITHMETIC, ALGEBRA, AND GEOMETRY.

GEORGE M. BROWNE,
ASSOCIATE IN PHYSICAL AND BIOLOGICAL SCIENCES.

†INEZ L. HOLLENBERGER, PH. B.,
DIRECTOR PHYSICAL TRAINING—GIRLS.

R. V. BLACK, M. ACCTS.,
BOOKKEEPING, COM'L ARITHMETIC, ATHLETICS.

HELEN BRYDEN, A. B.,
TRAINING TEACHER, 9th AND 10th GRADES.

GEORGE D. WHAM, ED. B.,
SCHOOL MANAGEMENT, GENERAL METHOD AND PHILOSOPHY OF EDUCATION.

MARY M. STEAGALL, PH. B., ED B.,
TRAINING TEACHER, 3rd AND 4th GRADES.

FLOYD A. POWERS,
VOICE, THEORY, AND PUBLIC SCHOOL MUSIC.

LOUIS C. PETERSEN, B. S.,
MANUAL TRAINING.

GRACE L. BURKET,
DRAWING AND SUPERVISOR OF DRAWING.

GRACE E. JONES,
DOMESTIC ECONOMY

BEULAH N. ELLIS, Ph., B. Ed. B.,
ASSISTANT IN ENGLISH.

LELIA B. STAFFORD,
PHYSICAL TRAINING—GIRLS.

CORNELIA A. HYPES,
LIBRARIAN.

EUGENIA J. MARSHALL,
ASSISTANT LIBRARIAN,

LULA PEAY,
STENOGRAPHER AND CLERICAL ASSISTANT.

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*The names of the faculty appear in the order of election.
†Granted leave of absence for study in Europe.

GENERAL INFORMATION.

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For a more complete outline of the work offered see the annual catalog, a copy of which will be forwarded at once upon request.

With but few exceptions the several classes recite twice per day, each period being fifty minutes in length. See page 20 for program of recitations and exercises.

COURSES.

I. Psychology.

Mr. Parkinson.

The work in Psychology in the regular courses consist of two credits. The first is designated as B, using Gordy's New Psychology for the text. The second term's work is designated as A, using Angell's Psychology as the text.

Should there be a demand in the summer term for both grades of work,classes will be formed to meet said demand.

A fuller outline or syllabus covering the scope of each may be found in the regular catalog of the institution.

However much we may extend our knowledge of special and general method, the value of nature study, the enrichment of the course, the place of the manual arts in the curricula etc., the fact remains that in all these lines of school activity the teacher must needs know somewhat of the powers of the mind, which he seeks to direct in its evolution and strength gaining.

II. Pedagogy.

Mr. Wham.

School Management.

The purpose of this course is to prepare the teacher for solving the various problems involved in the effective organization and management of a school, or school system.

The following topics indicate the scope of the course: the purpose, nature, and factors of the school as an educational institution; the proper beginning of a school; the classification of pupils and the principles of program-making; a study of the motives of children in relation to learning and conduct; discipline and moral training including the consideration of school habits and ideals: the processes and

technique of the recitation; reviews, examinations, and promotions; school sanitation and decoration; the teacher in relation to pupils, parents, school board, community and profession.

Bagley's Class-room Management, or Seeley's New School Management will be the text. Additional readings as the topic requires.

Two recitations daily. Credit for C or B Pedagogy on the completion of the course.

Principles of Teaching.

This course aims to give the teacher a practical command over the principles that underlie effective teaching, in other words to provide a foundation for rational practice.

Among the topics studied are the following: the nature and aims of education; the nature and function of teaching; the function, selection and organization of subject-matter; the inherited tendencies of children as the basis of interest and attention; securing motives for the study of assignments; the mind's modes of learning and the resulting methods of teaching; the value of expression and types of motor activity practicable in the school; the pupil,s physical condition in relation to mental progress. The problem of teaching pupils to study will receive special attention.

Charters' "Methods of Teaching", and McMurry's "How to Study and Teaching Children to Study" will be used as texts. Other treatises will be consulted as the topic demands.

This class will meet twice daily. Credit in C or B Pedagogy on completion of work.

III The Training School.

Samuel E. Harwood, Superintendent.

Miss A. Esther Wilson,	Grades one and two.
Miss Mary M. Steagall,	Grades three and four.
Miss Adda P. Wertz,	Grades five and six.
Miss Mabel K. Peters,	Grades seven and eight.
Miss Helen Bryden,	Grades nine and ten.

In Training, two lines of work will be offered.

1. *Practice Teaching.*

In grades one and two,	Miss Wilson.
In grades three and four,	Miss Steagall.

Success in teaching one class in any one of these grades two periods per day will entitle to a full credit. If only one period is used, a half credit will be given.

2. Observation and Plan-making.—Misses Steagall and Wilson.

This work will present two phases.

a. Observation of illustrative lessons, the regular teaching by the Training Teachers, and the discussion of the method involved, with more or less of formal reports. This will require two full periods, and will receive a full credit.

b. Making plans for teaching specially assigned topics, to train in applying pedagogy.

Misses Bryden, Peters, and Wertz will be present and will give similar work in Observation and Training, if there is a sufficient demand for it in the upper grades.

The purpose is to make the Training School as practically useful as possible to those wishing illustrations of regular school-room work. The subject matter of the grades will be controlled largely by the suggestions of the State Course of Study.

IV. English Grammar.

Miss Buck and Miss Wertz.

In this department three grades of work will be offered during the summer session, for which regular credits will be given.

1. State Course Grammar.

This class is organized for those who expect to teach next year, and feel deficient in their knowledge of grammar. The outline to be followed will be found in State Course of Study for 7th year. How to make each topic plain to the pupils, will be the controlling idea; but in doing this a good review of that part of grammar will be obtained. Any text book may be used.

There will also be a study of the work to be done by 3d and 4th years' language class, as required by the State Course of Study for those years. All this will be under the instruction of Miss Wertz, who is the author of the two books so largely used by teachers of these grades, "Detailed Methods of Instruction," and "Picture Study".

2. B Grammar.

This is our regular 1st year Normal work. It deals mainly with the simple sentence in all its varieties. The parts of speech composing it and their properties are studied in connection with their inflections. Capitalization and punctuation form a part of this term's work.

3. A Grammar.

This is our regular second year Normal work. It is based upon

the complex sentence, and considers the grammatical changes required by the abridgment of the subordinate clause. Idiomatic expressions are studied in regard to meaning and classification. The method work in language will be done with that of the State Course mentioned above.

Text—Buck's Grammar and Analysis.

IV. English Literature and Rhetoric.

Mrs. Ellis and Miss Peters.

1. Literature C.

Texts.—Translations from Old English Prose, Cook & Tinker. Translations from Old English Poetry, Cook & Tinker. Studies in English Literature, Swinton. Primer of English Literature, Stopford Brooke. All of these are furnished by the school except the Swinton.

2. Studies in Shakespeare.

Plays read, Love's Labor Lost, As you Like It, Henry V, Hamlet, Tempest.

3. Elocution.

Text.—Cumnock's Choice Readings.

V. Biology and Physiology.

Mr. French and Mr. Browne.

1. Botany—Mr. Browne.

The work offered in Botany will prepare students for examination for first grade certificates. It will consist of work on flowering plants; relation of plants to their surroundings; and some injurious plants. Any good modern text book on Botany may be used.

2. Zoology—Mr. French.

The work in Zoology will be similar to that in Botany, in that it will fit the student for examination for a first grade certificate. The lessons will be assigned by topics and these may be studied from any fairly modern text book on the subject.

3. B Physiology—Mr. Browne.

The central thought in this study will be the hygiene of the individual and how it is modified by association with other individuals in the home, the school, the village, the town and the state. This involves such topics as heating, lighting, ventilation and decorating our homes and our schools; public supplies of food and water; disposal of sewerage; hygiene of travel; and protection of public health. Only

pupils well grounded in human anatomy can hope to make grades in this course.

4. Histology—Mr. French.

This work will be wholly laboratory. Two classes of students will be admitted to this work: those who desire the work to better fit them for teaching physiology or to fit for a medical course, and those who wish the study as an aid in the study of psychology. The work will be adapted to the needs of each class.

5. Agriculture—Mr. French.

The completion of our brief course in Agriculture requires a half term in the study of soils and a second half term in the study of plants and animals of the farm. If only one recitation hour is given to this only a half term's grade can be made. No text book is used, the subject being given in lectures and laboratory and field work.

6. Nature Study—Mr. Browne.

Should there be a call for a class in Nature Study it will be organized. The work will consist of a series of talks, lessons and field exercises designed to furnish material for object lessons to be used in language work, physiology, elementary agriculture and elementary geography.

VI. Physical Science.

Mr. Davis.

1. Review Class in Physics.

Each summer session there is offered a review class, which prepares for the examinations for a First Grade Certificate.

2. Beginning work in Physics.

The regular C class treats of the fundamental principles of the subject. The principles are experimentally illustrated and carefully discussed during the class period. Much emphasis is placed on the construction of apparatus suitable for demonstrating physical truths. The pieces made by students are their property.

This class prepares for the examination in most of the counties in the southern part of the state, and gives one credit toward graduation from the institution.

VII. Mathematics.

Mr. Kirk, Mr. Felts. and Mr. Black.

The aim of the work in Mathematics for the Summer Session is,

as far as possible, to meet the requirements, in this science, of those who are preparing to teach in the public schools next year for the first time; of those who desire a more complete mastery of the subjects through review; and of those who wish to earn credits on the records of the school.

The student's effort will be directed in a way to quicken his perception of features of prime importance; his power to give the logical steps in a demonstration; and his ability to exercise individual judgment and reasoning without slighting the value of expertness in business processes.

The value of each subject as an object of study in itself; in its relation to business or practical life; together with its history and pedagogy, will receive due attention.

To receive a school credit in any subject, two recitations per day will be required because of the shortness of the term; and the program of recitations, pages 20 and 21, makes provision for the requirement.

1. General Review of Arithmetic.—Mr. Black.

This review considers the refreshing of the mind of the learner with wider and more modern knowledge of the principles, processes and relations of the various subjects, and should fit him to receive higher grade in examination and do better work in teaching. Any complete modern text-book should be helpful.

The division of this class reciting the first hour will review the subject from the first to percentage. The one reciting the fourth hour will begin at percentage. Full credit given when both are taken.

2. "State Course" Arithmetic.—Mr. Felts.

Assignments for study will be based on the topics of the syllabus rather than on the order of treatment in any particular text-books. It is desirable that students have two or more modern text-books on arithmetic. Proper credit will be given to those who complete the work satisfactorily.

3. C Geometry.—Mr. Felts.

This class is expected to do the entire work usually completed in the fall term, including, Definitions and General Principles, Rectilinear figures, Triangles, Quadrilaterals. Other polygons, Problems for original demonstration, The circle, Constructions, Theory of proportion, Similar polygons. "Essentials of Plane and Solid Geometry," by Wells, will be used as the text-book, and satisfactory work will receive a credit.

4. C Algebra.—Mr. Kirk,

Introduction to Algebra, considering algebraic expressions, the

equation, the negative number, the symbols and the propositions of algebra.

Addition and Subtraction, Symbols of aggregation, Laws of division.

Factoring: Type forms and applications, highest common factor, and lowest common multiple.

Fractions: Their reduction, addition and subtraction, multiplication and powers, division, and complex fractions.

Simple intregal and fractional equations involving one unknown quantity, and their applications. Beman and Smith's Academic Algebra is used, and the work is such as to require some maturity of mind and willingness to study.

5. B Algebra.—Mr. Kirk.

Simple equations: Solution of equations containing fractions, Problems involving literal equations, Simultaneous equations, Ways of eliminating unknown quantities, Problems involving simultaneous equations, Inequalities, Involutions, Evolution, Theory of exponents, Discussion of fractional, zero, and negative exponents.

Radicals: Quadratic surds, Imaginary numbers, Quadratic equations, and Problems involving radicals, Method of completing the square, Simultaneous equations containing quadratics, and solution of problems involving them.

Essentials of Algebra by Wells is the text.

The first daily period of recitation in the Arithmetic of the State Course of Study is given to primary work—that of the first four grades, the fourth daily period of recitation, to the remaining grades. It is possible to take the first without the second.

VIII. History and Civics.

Mr. Smith.

1. English History.

This course may be taken by either third or fourth year students. The text is Cheyney's A Short History of England. The class work will start with the Norman Conquest. Two recitations daily. A considerable amount of library reading will be required of those who take this course.

2. Illinois History and Civics.

A course will be offered in Illinois History and Civics. The course, if well mastered, will meet the requirements of the county examination for teacher's certificate. Text "A Student's History of Illinois." The class will recite once each day.

3. Review History.

A class will be organized to review the History of the United States, and will recite but once each day. The review will begin with the causes of the Revolution and will give special attention to the organization of the government under the constitution. Bring your texts in United States History.

IX. Geography

Mr. Colyer.

1. B Geography.

Two hours per day will be required of all who expect credit for B Geography. One half of time will be taken up with a study of the principles of geography and the other half to an application of these principles to an interpretation of North America.

2. A Geography.

Two hours per day will be required for full credit. The chief aims of this course will be to give a clear idea of the nature and scope of geography, and the method of teaching the subject in the various grades in the public schools.

X. Latin and Greek

Mr. Allen.

Vergil. (C Latin.) The first three books of the Aeneid will be read. Practice in reading the Latin hexameter will be given. (Two recitations a day.)

First Year Latin. (L Latin.) Thirty-five lessons in Hale's First Latin Book will be taken. This class is for beginners in Latin, and for those who want a review of first year work. Two recitations a day will be required.

XI. German and French.

Mr. Pierce.

German: two classes, beginning and advanced, each reciting two hours daily for those who wish to make grades. The beginning class will use Newson's First German Book, based on the Hoelzel Pictures, conversation being the chief method. The advanced class will read a book of travel in Germany and description of German customs.

XII. Drawing.

Miss Burket and Miss Bryden.

The Art Department offers for the Summer Term, three courses, as follows:

1. B Drawing.

This includes water-color as well as pencil as a medium. Work is done from nature and still life. Some principles of design are studied and application made in the decoration of simple objects drawn by the class.

2. Blackboard Drawing.

This is studied with special reference to illustrative drawing. The aim is to enable the student to have a command of the crayon and to give him the ability to make simple drawings that will be helpful in teaching.

3. Picture Study.

This course will use the pictures given in the language work of the Illinois Course of Study.

These pictures will be studied in relation to their meaning to the child, their composition and methods of presentation.

It will be the aim also, to learn something of the artists, and their style of work.

XIII. Book-keeping and Penmanship.

Mr. Black.

Book-keeping.

Every individual should have a working knowledge of Book-keeping, whether he be on the farm or in the store. The work offered during the Summer Term is the same as that of any of the other terms. All the laws of Debit and Credit are presented and transactions bringing them into use are introduced.

Four sets will be worked out in class. The Day Book, Journal, and Ledger are brought into use in the first and second sets. Only the simplest forms of business transactions are considered in these two sets.

In sets III. and IV., the Journal, Day Book, Cash Book, Purchase Book, Sales Book and Ledger are used. All the different kinds

of business papers used in any ordinary business are made out and the transaction as shown by these papers recorded in the books required by such transaction.

Each student is given a cash capital in college currency. He opens an account with the bank, buys and sells for cash and on account, etc. All the books are posted to the Ledger, trial balance taken, and accounts closed.

Penmanship.

One period each day will be given to Penmanship. Two things will be sought, legibility and rapidity. Methods of how to teach the subject to secure the best results will be given. The piano will be used in the presentation of many of the movements, exercises, and drills in letter making.

The letters will be classified and studied according to the similarity of movement in their formation. Many new drills that have been developed in class experience will be presented.

XIV. Vocal Music

Mr. Powers and Miss Winters.

The courses offered by the department of Music during the Summer Session are practically the same as those outlined in the regular catalog, and are intended to meet the requirements of grade teachers and those who desire chorus work. Three courses are offered:—Elementary Music, Music Methods, and Chorus and Sight Reading. One period per day is required in each course.

1. Elementary Music.

This course includes rudiments of music notation and terminology. Major, minor, and chromatic scales, meter, rhythm forms, definitions, etc., are carefully studied. Open to all students.

2. Music Methods.

A standard public school music course is studied; the work of each grade is carefully outlined and methods for its presentation given. Particular attention is given to child-voice and rote songs. For admission to this class students should understand thoroughly the elements of notation, and should be able to read easy music at sight.

3. Chorus and Sight Reading,

This course is open to all students and offers an opportunity for practice in sight reading, and the study of different classes of music, —hymns, chorals, anthems, school songs, and choruses from opera and oratorio. Occasionally, the music studied in this class will be sung

at the regular chapel exercise. If possible, a choral work will be studied and presented at the end of the term.

4. Credits.

Students who desire a credit in Elementary Music or Music Methods must complete the chorus and sight reading course in addition to the work outlined in these courses.

Private instruction in piano, violin, and voice may be obtained at reasonable rates, outside the University.

XV. Manual Training.

Mr. Petersen.

In this department two courses of work will be offered during the Summer Term; Hand Work for primary grades, and Manual Arts for grammar grades.

The Primary Course is planned to meet the demand upon teachers to be able to teach hand work in the school room. This work requires only inexpensive equipment and can be taught by the "dictation method" to large classes.

1. Hand Work for Primary Grades:

a. Paper folding and cutting.

b. Measuring and drawing on paper and cardboard as materials of construction in exercises of real and intrinsic value.

c. Interlacing of paper.

d. Cord knotting and braiding:

e. Hammock work.

f. Weaving of raffia, yarn and rattan into mats, rugs and baskets. Instruction will be given in selecting inexpensive equipment for schools.

2. Manual Arts for Grammar Grades.

Tool manipulation is presented to the class by means of complete demonstrations.

Frequent discussions are given on the nature of materials used and the theory of construction, as exhibited in the following:

a. A course in whittling which may be done in the regular class room.

b. Bench work in wood. This course offers instruction in the use of common wood-working tools, the guage, rule, try-square, knife, chisel, saw, file, bit and brace, plane, gouge, spoke shave, scribers, draw knife and hammer.

c. Elements of Wood Carving is used for decoration.

d. Practice in Wood Finishing.

Special attention is given to the care of bench and tools and the proper method of laying out work.

Talks on shop equipment will be given.

Mechanical Drawing is taken parallel with the work.

XVI. Physical Training—Girls.

Miss Stafford.

The summer course in physical education will consist of lectures presenting the theory of Sweedish gymnastics and the application of the day's order to the use of the different grades.

The lectures will be supplemented by practical gymnastics, observation of model lessons given to the different grades, and games suitable for use in the school-room.

Basket-ball teams will be organized if called for.

XVII. Household Arts.

1. Cookery.

The course will consist of twelve typical lessons in the preparation of food with the effect of heat, fermentation and cold upon the composition and digestibility of food.

Practical Laboratory Work:

Cereals, vegetables, soups, meats, breads, salads, desserts, tea, coffee and chocolate and table service if the time permits.

The class will be limited in number and will work two consecutive periods, the 4–5 hours on Tuesdays and Thursdays.

2. Lecture Course:

The subject of the lectures will depend upon the desire of the students. Either on the dietetic values of food in the special reference to the proper diet of school children, or on sanitation considering both household and personal hygiene.

Fridays; the hour to be arranged.

3. Sewing:

Hand sewing as suitable for the school room. Stitches taught and applied in making useful home articles. Class will meet two consecutive periods; the 2nd and 3rd hours on Mondays and Wednesdays.

XVIII. Library.

Miss Hypes and Miss Marshall.

The excellent Library will be open for use during the school session. The large selection of periodicals furnishes ample reading mat-

ter for those who have the time for such diversion from the strenuous duties of the class room.

XIX. Lecture Courses.

Following the practice of the past years the Institution has planned to offer two interesting and profitable lecture courses during the summer term of 1910. The first one will be given during the week of June 27–July 1, by Dr. S. C. Schmucker, of West Chester, Pa., Normal School, dealing with the ideals and materials of Nature Study. The second one will be given by Dr. M. V. O'Shea, of the University of Wis., dealing with some general Educational Problems. Date not yet determined.

In addition to these special lecture courses there will be four other courses given by the following members of the Faculty of the Institution: Mr. Harwood, Mr. Allen, Mr. Kirk, and Mr. Davis on subjects of particular value to teachers; one of these courses to be given during each of the four weeks not occupied by the special lectures.

Some credit will be given for attendance and reporting on the several lecture courses.

CALENDAR

1910

Winter Term	Opens	January 4
	Closes	March 17
Spring Term	Opens	March 22
	Closes	June 9
Commencement Week		June5—June 9
Summer Term	Opens	June 13
	Closes	July 22
Fall Term	Opens	September 13
	Closes	December 22

1911

Winter Term	Opens	January 3
	Closes	March 16
Spring Term	Opens	March 21
	Closes	June 8
Commencement Week		June 4—June 8
Summer Term	Opens	June 12
	Closes	July 21
Fall Terms	Opens	September 12
	Closes	December 21

Southern Illinois Teachers' Association will meet at East St. Louis, March 31, April 1 and 2, 1910.

Summer Session

Period	Time	Office Parkinson	11 Buck	27 and 31 French	15 Smith	A. B Harwood	24 Allen
1	7:30			Agri.	Eng. History		Vergil
2	8:20	Psychol.	B Gram.	Zoöl.	Ill. Hist. & Civics	Supervising	L Latin
3	9:10		A Gram.	Histol.	Rev. Hist.	Supervising	
	10:00	ASSEMBLY EXERCISES					
4	10:30	Psychol.		Agri.	Eng. History	Supervising	Vergil
5	11:20		B Gram.				L Latin

PROGRAM—*Continued*

	Time	A. B. Steagall	A. B. Wilson	21 Felts	29 and 30 Browne	8 Black	12 Wham
1	7:30			S. C. Arith.	Physiol.	Review Arith.	School Man'g't
2	8:20	Training	Training	C Geom.			Prin. of Teach'g
3	9:10	Training	Training		Botany	Bookkeeping	
	10:00	ASSEMBLY EXERCISES					
4	10:30	Observation	Observation	S. C. Arith.	Physiol.	Review Arith.	School Man'g't
5	11:10	Plans	Plans	C Geom.	Nature Study	Penmanship	Prins. of Teach'g

Program, 1910

23	A. B.	33, 34 and 35	14	A. B.	25		Period
Kirk	Wertz	Davis	Colyer	Peters	Pierce	Time	
C Alg.	S. C. Gram.	C.&Rev. Physics	B Geog.		L Ger.	7:30	1
B Alg.		Labor'y	A. Geog.	Train-ing	Ad. Ger.	8:20	2
		Labor'y		Elocu.		9:10	3
ASSEMBLY EXERCISES						10:00	
C Alg.	S. C. Gram.	Labor'y	B Geog.		L Ger.	10:30	4
B Alg.		Labor'y	A Geog.		Ad. Ger.	11:20	5

PROGRAM—*Continued*

18	26	32	13	17 and 13	28		
Burket Bryden	Powers	Petersen	Jones	Ellis	Stafford	Time	
	Vocal Music	Pri. Const.		Shakes.		7:30	1
B Draw.		Gr. Gra'e Const.	Sew'g	C Lit.	The'y of Phy'l Tr.	8:20	2
B'k B'd Draw.	Vocal Music		Sew'g			9:10	3
ASSEMBLY EXERCISES						10:00	
Pictures	El. Music	Pri. Const.	Cook'g	Shakes.		10:30	4
B Draw.	Method in Music	Gr. Gra'e Const.	Cook'g	C Lit.	Method Phy'l Tr.	11:20	5

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APR 6 1911

SUMMER SESSION ANNOUNCEMENTS

PUBLISHED BY THE SOUTHERN ILLINOIS STATE NORMAL UNIVERSITY,

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Summer Session Announcements

for

1911.

June 12 to July 21.

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SCHOOL MANAGEMENT, GENERAL METHOD AND PHILOSOPHY OF EDUCATION.

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TRAINING TEACHER, 3rd AND 4th GRADES.

FLOYD A. POWERS,
VOICE, THEORY, AND PUBLIC SCHOOL MUSIC.

LOUIS C. PETERSEN, B. S.,
MANUAL TRAINING AND SUPERVISOR OF CONSTRUCTION IN TRAINING SCHOOL.

GRACE E. JONES,
HOUSEHOLD ARTS.

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ASSISTANT IN ENGLISH.

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CRITIC TEACHER 5th AND 6th GRADES.

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CORNELIA ALLYN HYPES,
LIBRARIAN.

ETNA PHILLIPS.
ASSISTANT LIBRARIAN.

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* The names of the faculty appear in the order of their election.

GENERAL INFORMATION.

Commencement Week.

The Summer Session follows so closely upon the exercises of Commencement week that many who plan to come to the summer term would find it very pleasant and profitable to arrive one week earlier in order to enjoy the various programs from June 4 to June 8.

Summer Session.

This will be the twenty-fourth special or summer session. The summer term has become one of the regular terms, and credits will be given for completed work. Many have found these terms very helpful in completing work undertaken at other terms, some are able to even up their courses, others to complete their courses, others to review and take drill preparing them for passing the teachers' examination, and still others to get a broader knowledge and added enthusiasm for the duties of the school room.

Boarding.

Good boarding may be had in clubs for about $2.50 per week; and in private families for about $3.50 or $4.00 per week. Some arrange to adopt the light house keeping plan, thus materially reducing the expense.

Tuition and Incidental Fees.

The same regulations, relative to fees, etc., that govern in the other terms apply in the summer session; but as the length of term is one-half the usual length, these fees are proportionally lessened; the incidental fee being one dollar, and the tuition fee three dollars. The laboratory fee is one dollar. Persons holding scholarships under the Lindly Bill are relieved from entrance and laboratory fees. Non-residents of the state are charged one dollar per week. All fees paid in advance.

Literary Societies.

Since a goodly number of those who attend the summer term have at some former time been members of the school and also members of one of the literary societies, these societies have charge of the literary programs during the summer term, and offer at least four programs during the session.

LECTURE COURSES.

Following the practice of several years past, some instructive and helpful lecture courses will be given; one by the Hon. Joseph Carter of Champaign, Ill., member of the present General Assembly. This course will be given during the week beginning June 19, and along the line of general educational problems, and will be of much value to those who contemplate teaching.

Dr. W. C. Bagley, Dean of the University of Illinois, will deliver one or more lectures, during the week beginning June 26. These will be of great value to those interested in the educational problems of the day.

In addition to these special lecture courses there will be three other courses given by the following members of the Faculty of the institution: Mr. Parkinson, Miss Salter and Mr. Pierce, on subjects of particular value to teachers; one of these courses to be given during each of three weeks not occupied by the special lectures.

Some credit will be given for attendance and reporting on the several lecture courses.

COURSES

The following courses are offered with the understanding that others may be given should the demand warrant. On the other hand, should the demand be insufficient, in case of any herein named, the class will not be formed, but special care will be taken to supply work of equal value.

For a more complete outline of the work offered see the annual catalog, a copy of which will be forwarded at once upon request.

With but few exceptions the several classes will recite twice a day, each period being forty-five minutes in length. See page 25 for program of recitations and exercises.

I. Psychology

D. B. PARKINSON

Without doubt there is no line of study that bears more directly on the science of teaching than does the study of psychology; and yet there is no greater diversity of opinions and theories touching the method of presentation and the phases of the study on which the emphasis should be placed than is to be found among the writers on this subject.

It is the purpose in the presentation of this most essential subject to avoid the extremes and if possible discover the golden mean and secure the most helpful results possible, and to cause the student to discover the vital relation of a knowledge of psychic truths to the educative process, and to lead the student to appreciate the great mystery of the human consciousness in relation to the material man and the spirit that coöperates with it in the activities of the human soul.

The method of experimentation that has accomplished so much in the recent past in the realm of matter is capable of producing as great discoveries in the realm of spirit. The author selected, uses the scientific method of investigation and presents the rather abstruse subjects in a way that appeals to the searcher after truth. The text is Tichener. This class will recite twice a day, unless it is placed in the afternoon to accommodate some of its members; if so, it will meet once a day, but for a full sixty minute period.

II. Pedagogy.

Mr. Wham.

School Management.

The purpose of this course is to prepare the teacher for solving the various problems involved in the effective organization and management of a school, or school system.

The following topics indicate the scope of the course: the purpose, nature, and factors of the school as an educational institution; the proper beginning of a school; the classification of pupils and the principles of program-making; a study of the motives of children in relation to learning and conduct; discipline and moral training including the consideration of school habits and ideals: the processes and technique of the recitation; reviews, examinations, and promotions; school sanitation and decoration; the teacher in relation to pupils, parents, school board, community and profession.

Bagley's Class-room Management will be the text. Additional readings as the topic requires.

Two recitations daily. Credit for C or B Pedagogy on the completion of the course.

Principles of Teaching.

This course aims to give the teacher a practical command over the principles that underlie effective teaching, in other words to provide a foundation for rational practice.

Among the topics studied are the following: the nature and aims of education; the nature and function of teaching; the function, selection and organization of subject-matter; the inherited tendencies of children as the basis of interest and attention; securing motives for the study of assignments; the mind's modes of learning and the resulting methods of teaching; the value of expression and types of motor activity practicable in the school; the pupil's physical condition in relation to mental progress. The problem of teaching pupils to study will receive special attention.

Charters' "Methods of Teaching," and McMurry's "How to Study and Teaching How to Study" will be used as texts. All books except Charters are furnished by the school. Other treatises will be consulted as the topic demands.

This class will meet twice daily. Credit in C or B Pedagogy on completion of work.

III. The Training School.

C. H. Elliott, Superintendent.

Miss Charlotte E. Truman,	Training Teacher,	Grades VII-VIII.
Miss Caroline Bengtson,	Training Teacher,	H. S. Grades
Miss Elisabeth K. Wilson,	Training Teacher,	Grades V-VI.
Miss Mary M. Steagall,	Training Teacher,	Grades III-IV.
Miss Florence R. King,	Training Teacher,	Grades I-II.

The first six grades of the training school, organized to serve the double function of a school of observation and practice, will be in session throughout the six weeks of the summer school. Opportunity will be offered to pursue the courses which are listed below. In addition, superintendents and principals may study the equipment and the methods of keeping records in the various departments. A school garden and experimental corn plot, a textile room, a large number of exhibits for the interpretation and study of industries, a large amount of children's work prepared during the current year and representative exhibits of text and reference books indicate some of the opportunities that are offered for the study of materials and methods of instruction. Conferences for the discussion of problems in which school administrators are interested may be arranged by consulting the superintendent of the training school.

Courses I, II, III, Practice Teaching

Practice teaching will be offered in grades one to six inclusive.

Students who teach successfully two full periods will be allowed one credit in practice. If a student cannot arrange for time to exceed one period, half credit may be obtained providing such course has been approved in advance by the superintendent of the training school. Because of the large number of demands for this work, it is desirable that persons who wish to teach in the training school communicate with the superintendent at an early date.

Opportunity will be offered to a limited number of students to gain practical experience by taking charge of the assembly rooms, conducting general exercises and supervising the playgrounds. Credit for such work will be extended upon the same basis that estimates are made for minor subjects.

Written lesson plans and outlines, reference reading and conferences. One credit or one-half credit.

Course I, Grades I and II	Miss King
Course II, Grades III and IV	Miss Steagall
Course III, Grades V and VI	Miss Wilson

Course IV, Primary Method and Observation

This course consists of two periods of work per day, one of which is devoted usually to the observation of lessons taught by the regular training teacher and the directors of music and physical education.

The second period is devoted to a discussion of the problems of the primary grades and the method of presenting the various subjects included in the curriculum of these grades. In the summer of 1911 the work will center in the courses in History and Primitive Life, Primary Language and Primary Reading. The library is well equipped with references in these fields and there will be available in the training schools the books which contain material for class presentation and supplementary reading. In addition, liberal use is made of a large amount of class work prepared by the children during the school year.

No text-book is required. Study of references in the library and the training school, of the Illinois State Course of Study and of various typical courses of study for elementary schools and of exhibits of children's work is required.

Recitations, discussions and written reports. One credit.

Miss King.

Course V, Methods of Instruction in the Intermediate Grades and Observation

The general organization of this course is similar to that of

Course IV, i. e. the work consists of observation and discussion which occupies one period and a second period which is devoted to a consideration of the problems of the intermediate grades.

In the summer of 1911 the following topics will receive emphasis: The Mechanics of School Room Procedure, School Gardening, Nature Study, Geography and Language.

The observation covers a study of lessons presented by the regular training teacher and the director of music. In connection with these, careful study is made of the school garden, the collections of concrete material for the study of geography and of a large amount of children's work.

No text-book is required. Reference reading and study as indicated for Course IV.

Recitations, discussions and written reports. One credit.

Miss WILSON.

IV. ENGLISH GRAMMAR.

MISS BUCK AND MISS STEAGALL.

In this department three grades of work will be offered during the summer session, for which regular credits will be given.

1. State Course Grammar.—Miss Steagall.

This class is organized for those who expect to teach next year, and feel deficient in their knowledge of grammar. The outline to be followed will be found in State Course of Study for 8th year. How to make each topic plain to the pupils, will be the controlling idea; but in doing this a good review of that part of grammar will be obtained. Any text book may be used.

There will also be a study of the work to be done by the classes in language as required by the State Course of Study for grades 1—6. All this will be under the instruction of Miss Steagall who is critic teacher for 3d and 4th grades in the training school. Two hours daily.

2. B Grammar.—Miss Buck.

This is regular 1st year Normal work. It deals mainly with the simple sentence in all its varieties. The parts of speech composing it and their properties are studied in connection with their inflections. Capitalization and punctuation form a part of this term's work. Two hours daily.

3. A Grammar.—Miss Buck.

This is regular second year Normal work. It is based upon

	Period	Mr. Elliott	Miss King	Miss Steagall	Miss. Wilson	Mr. Powers
1	7:15—8:00					
2	8:00—8:45		Methods 4		Methods 5	
3	8:45—9:30	Supervising	Observation 4	Practice 2	Observation 5	Music Grades
	9:30—10:00 10:00—10:15	Chapel Exercises. Recess.				
4	10:15—11:00	Supervising	Practice 1	Practice 2	Practice 3	
5	11:00—11:45	Supervising	Practice 1	S. C. Gram.	Practice 3	Music Method
6	11:45—12:30			S. C. Gram.		

the complex sentence, and considers the grammatical changes required by the abridgment of the subordinate clause. Idiomatic expressions are studied in regard to meaning and classification. The method work in language will be done with that of the State Course mentioned above.

Text—Buck's Grammar and Analysis.

V. English Literature and Rhetoric.

Mr. Shryock and Mrs. Ellis.

1. Literature C.

Texts.—Translations from Old English Prose, Cook & Tinker. Translations from Old English Poetry, Cook & Tinker. Studies in English Literature, Swinton. Johnson's History of English and American Literature. All of these are furnished by the school except the Swinton.

2. Studies in Shakespeare.

Plays read: Love's Labor Lost, As you Like It, Henry V, Hamlet, Tempest.

3. Elocution.

Text.—Cumnock's Choice Readings.

VI. Biology and Physiology.

Mr. French and Mr. Browne.

1. Botany.—Mr. Browne.

The work offered in Botany will prepare students for examination for first grade certificates. It will consist of work on flowering plants; relation of plants to their surroundings; and some injurious plants. Any good modern text book on Botany may be used.

2. Zoology.—Mr. French.

The work in Zoology will be similar to that in Botany, in that it will fit the student for examination for a first grade certificate. The lessons will be assigned by topics and these may be studied from any fairly modern text book on the subject.

3. Review Physiology.—Mr. Browne.

The central thought in this study will be the hygiene of the individual and how it is modified by association with other individuals

in the home, the school, the village, the town and the state. This involves such topics as heating, lighting, ventilation and decorating our homes and our schools; public supplies of food and water; disposal of sewerage; hygiene of travel; and protection of public health. Only pupils well grounded in human anatomy can hope to make grades in this course. One hour daily.

4. Histology.—Mr. French.

This work will be wholly laboratory. Two classes of students will be admitted to this work: those who desire the work to better fit them for teaching physiology or to fit for a medical course, and those who wish the study as an aid in the study of psychology. The work will be adapted to the needs of each class.

5. Agriculture.—Mr. French.

The completion of our brief course in Agriculture requires a half term in the study of soils and a second half term in the study of plants and animals of the farm. If only one recitation hour is given to this, only a half term's grade can be made. No text book is used, the subject being given in lectures and laboratory and field work.

6. Nature Study.—Mr. Browne.

Should there be a call for a class in Nature Study it will be organized. The work will consist of a series of talks, lessons and field exercises designed to furnish material for object lessons to be used in language work, physiology, elementary agriculture and elementary geography. One hour daily.

Chemistry.—Mr. Browne.

The work in Chemistry will be adapted to beginners, and will include the chemistry of common things; air, water, salt, food, and those chemical elements involved in combustion, fermentation, decay, digestion, respiration, etc. One recitation and two hours of laboratory work required daily. A half credit will be given for satisfactory work in the course.

VII. Physical Science.

Mr. Davis.

1. Review Class in Physics.

Each summer session there is a review class, which prepares for the examinations for a First Grade Certificate.

2. Beginning work in Physics.

The regular C class treats of the fundamental principles of the subject. The principles are experimentally illustrated and carefully discussed during the class period. Much emphasis is placed on the construction of apparatus suitable for demonstrating physical truths. The pieces made by students are their property.

The class prepares for the examination in most of the counties in the southern part of the state, and gives one credit toward graduation from the institution.

VIII. Mathematics.

Mr. Felts, Mr. Black and Mr.————

The aim of the work in mathematics for the summer session is, as far as possible, to meet the requirements, in this science, of those who are preparing to teach in the public schools next year for the first time; of those who desire a more complete mastery of the subjects through review; of those who wish to earn credits on the records of the school.

The student's effort will be directed in a way to quicken his perception of features of prime importance; his power to give the logical steps in a demonstration; and his ability to exercise individual judgment and reasoning without slighting the value of expertness in business processes.

The value of each subject as an object of study in itself, in its relation to business or practical life, together with its history and pedagogy, will receive due attention.

To receive a school credit in any subject, two recitations per day will be required because of the shortness of the term; and the program of recitations, pages 24 and 25, makes provision for the requirement.

1. General Review of Arithmetic.—Mr. Black.

This review considers the refreshing of the mind of the learner with wider and more modern knowledge of the principles, processes and relations of the various subjects, and should fit him to receive higher grade in examination and do better work in teaching. Any complete modern text-book should be helpful.

The division of this class reciting the first hour will review the subject from the first to percentage. The one reciting the fourth hour will begin at percentage. Full credit given when both are taken.

2. "State Course" Arithmetic.—MR. Felts.

Assignment for study will be based on the topics of the syllabus rather than on the order of treatment in any particular text-books. It is desirable that students have two or more modern text-books on arithmetic. Proper credit will be given to those who complete the work satisfactorily.

The first daily period of recitation in the Arithmetic of the State Course of Study is given to primary work—that of the first four grades, the fourth daily period of recitation, to the remaining grades. It is possible to take the first without the second.

3. C Geometry.

This class is expected to do the entire work usually completed in the fall term, including, Definitions and General Principles, Rectilinear figures, Triangles, Quadrilaterals. Other polygons, Problems for original demonstration. The circle, Constructions, Theory of proportion, Similar polygons. "Essentials of Plane and Solid Geometry," by Wells, will be used as the text-book, and satisfactory work will receive a credit.

4. B Geometry.—MR. Felts.

The work in B Geometry will be the work usually covered the winter term which includes pages 144-219, "Essentials of Plane and Solid Geometry."—Wells. A few days will be spent in reviewing proportion before formal entry upon the work. The work deals largely with the theory of proportion as applied in similar polygons, and finding areas of polygons together with construction of polygons.

5. C Algebra.—MR. Black.

Introduction to Algebra, considering algebraic expressions, the equation, the negative number, the symbols and the propositions of algebra.

Addition and Subtraction, Symbols of aggregation, Laws of division.

Factoring: Type forms and applications, highest common factors, and lowest common multiple.

Fractions: Their reduction, addition and subtraction, multiplication and powers, division, and complex fractions.

Simple integral and fractional equations involving one unknown quantity, and their applications. Beman and Smith's Academic Algebra is used, and the work is such as to require some maturity of mind and willingness to study.

6. B Algebra.

Simple equations: Solution of equations containing fractions, Problems involving literal equations, Simultaneous equations, Ways of eliminating unknown quantities, Problems involving simultaneous equations, Inequalities, Involutions, Evolution, Theory of exponents, Discussion of fractional, zero, and negative exponents.

Radicals: Quadratic surds, Imaginary numbers, Quadratic equations, and Problems involving radicals, Method of completing the square, Simultaneous equations containing quadratics, and solution of problems involving them.

Essentials of Algebra by Wells is the text.

IX. History and Civics.

Mr. Smith.

1. English History.

This course may be taken by either third or fourth year students. The text is Cheyney's A Short History of England. The class work will start with the Norman Conquest. Two recitations daily. A considerable amount of library reading will be required of those who take this course.

2. Illinois History and Civics.

A course will be offered in Illinois History and Civics. The course, if well mastered, will meet the requirements of the county examination for teacher's certificate. Text, "A Student's History of Illinois." The class will recite twice each day.

A class will be organized to review the History of the United States, and will recite but once each day. The review will give special attention to the organization of the government under the constitution. Bring your texts in United States History.

X. Geography.

Miss Truman.

1. B. Geography.

Two hours per day. This course will consist of intensive study of North America, especially of the United States. Stress will be placed upon the influence of physiographic conditions, upon the distribution of plant and animal life and upon human industries.

A full term's credit will be allowed for this course.

2. "State Course" Geography.

Two hours per day. One period will be devoted to fourth and fifth grade Geography. In this period, observation work dealing with both physical and industrial geography will be considered. The use of the globe, maps, text-books and illustrative materials will be discussed. A second period will be occupied in studying methods of presenting the more advanced work of the seventh and eighth grades with a view to developing the reasoning faculty through geographical study.

3. Physiography.

Two hours per day. This class will be organized, provided the demand should be sufficient to warrant the substitution of this course for "State Course" Geography. In such case the course will consist of thorough study of the general principles of physiography and their application to the various continents.

XI. Latin and German.

Mr. Allen and Mr. Pierce.

First Year Latin (L. Latin).

Thirty lessons in Hale's First Latin Book will be taken. This class is for beginners and for those who want a review of first year work.

First Year German (L. German).

Twenty-nine lessons in Newson's First German Book. This book is based on the Hoelzel wall pictures of the seasons, which are used in the work.

Advanced German (J. German).

This is the work of the third term of the first year. Those who began German the Winter Term may prepare themselves in this class to go on with the second year's work (I. German) in the Fall. The text will be *Herein!* by Prof. Allen of the University of Chicago (Henry Holt & Co.). Review of the essentials of grammar. Any grammar may be used.

XII. Drawing.

Miss Salter.

The Art Department offers for the Summer Term, three courses, as follows:

1. C Drawing.

This includes the principles of drawing. Work is done from nature and still life. Pencils, colored crayons and ink are the mediums used.

2. Blackboard Drawing.

This is studied with special reference to illustrative drawing. The aim is to enable the student to have a command of the crayon and to give him the ability to make simple drawings that will be helpful in teaching.

3. *Picture Study.*

This course will use the pictures given in the language work of the Illinois Course of Study.

These pictures will be studied in relation to their meaning to the child, their composition and methods of presentation.

It will be the aim also, to learn something of the artists, and their style of work.

If preferred a class in History of Art will be substituted for Picture Study and one half credit in A Drawing will be given for one hours work a day.

XIII. Public School Music.

Mr. Powers and Miss Winters.

The courses offered by the Department of Music are practically the same as those outlined in the regular courses, and are intended to meet the requirements of grade teachers. Suitable credit will be given for satisfactory work. All classes will recite in the Allyn building.

Elementary Music.

This course deals with the symbols of notation, scales, meters, rhythms, sight-singing, etc. Special attention will be given to the new definitions and musical terms adopted by the Music Section of the National Education Association as being peculiarly suited to the needs of the grades. Satisfactory work in this course should be a sufficient preparation for the County Superintendent's test in music. Only one recitation per day, fourth period, will be required; an additional hour or more will be required for study.

Music Methods.

During the Summer Session special emphasis will be placed upon the music work in the first five grades. Good music in the upper grades and high school depends upon good teaching in the lower grades,—in the primary grades especially, where a love for music must be created and developed, the correct use of the voice learned, and a strong foundation laid for advanced work; proper early training practically removes the difficulty often experienced in the music work with children during change of voice. This class will recite each day during the fifth period; two days each week will be used in observing the teaching of music in the lower grades; the other three days will be given to a brief review of elementary music, the making of plans, and the study of the subject matter to be presented to the various grades, together with methods for presenting same. A careful study of rote songs will be given, since the rote song holds such a prominent place in present music methods.

Special Courses.

A limited number of students may obtain personal instruction in any of the work of the regular courses. This will accomodate students who are unable to enter the regular classes or need some special training. Students should consult the department of music before asking for an assignment of this work. Periods one and two will be set apart for personal instruction.

Private instruction in piano, voice or violin may be obtained at reasonable rates; students desiring such instruction should write to the Director of Music who will gladly assist in locating them under competent teachers.

XIV. Manual Training.

Mr. Petersen.

This department offers three courses for the Summer Term as follows:

1. Hand Work for Primary Grades.

This course is planned to meet the demand upon teachers to be able to teach hand work in the school room. This work requires only inexpensive equipment and materials and can be taught to large classes by the "dictation method".

a. Free-hand and systematic cutting and pasting.

b. Paper folding, measuring, drawing on paper and cardboard as materials of construction.

c. Cord knotting and braiding, tying of bags and hammocks.

d. Interlacing of paper, weaving and winding of raffia, yarn and rattan.

Instruction will be given in selecting materials and inexpensive equipment for schools.

2. Construction Work for Intermediate Grades.

a. Book-binding and book-repairing.

b. Basketry—practice in making different forms of centers, weaving, patterns, borders and shapes of baskets.

c. A course in whittling and coping saw work which may be taught in the classroom.

d. Bent Iron Work.

Talks on equipment, planning courses, methods of presentation and correlation of hand work with other school subjects.

3. Manual Arts for Grammar Grades.

Tool manipulation is presented to the class by means of complete demonstrations.

Frequent discussions on the history and characteristics of materials and tools, the theory of construction, the proper method of laying out work and structural designs.

a. Bench work in wood. This course offers practice in the correct use of tools and in a systematic procedure at structural exercises.

b. Decorations, carving, stenciling, inlaying.

c. Practice in Wood Finishing.

Mechanical Drawing is taken parallel with construction work in this course. The theory of Orthographic Projection is studied and applied in the making of working drawings. Demonstrations in Tracing and Blue-printing.

XV. Physical Training.

Miss Hollenberger.

The summer course in physical education will consist of lectures presenting the theory of Sweedish gymnastics and the application of the day's order to the use of the different grades.

The lectures will be supplemented by practical gymnastics, observation of model lessons given to the different grades, and games suitable for use in the school-room.

Basket-ball teams will be organized if called for.

XVI. Household Arts.

Miss Jones.

Course 1.

Cookery.

The course will consist of typical lessons in the preparation of food showing the effect of heat, fermentation and cold, upon the composition and digestibility of food.

Laboratory work; cereals, vegetables, soups, meats, breads, salads, deserts, tea, coffee and chocolate with some table service, if time permits.

The class will be limited in number and will work two consecutive periods 4th-5th hours.

Course 2.

Advanced Cookery.

Showing methods of preserving food, as in canning, preserving, pickling, etc. Open to a limited number of students who have had two or more terms work in the department. The laboratory period will consist of two consecutive periods, 4th and 5th hours.

Course 3.

Sewing.

Hand sewing as suitable for the primary and grammar grades. Stitches are directly applied to the making of useful home articles. The class will meet two consecutive periods. The 2nd and 3rd hours.

XVII. Library.

Miss Hypes and Miss Phillips.

The excellent Library will be open for use during the school sessions. The large selection of periodicals furnishes ample reading matter for those who have the time for such diversion from the strenuous duties of the class room and the preparation therefor.

SPECIAL ATTRACTIONS

During the afternoon and evening of Thursday, June 15th, the celebrated "Coburn Players" will present two of their open air entertainments, on the Campus of the University. This noted company of special artists—25 in number—will give similar entertainments during the summer at Cape Girardeau, Mo., and at Normal, Macomb, and Chicago University.

Students of the summer session, who are on the ground on Monday morning, June 12th, will have some advantage in securing reserved seats. This entertainment will be the first of its kind ever given in Southern Illinois.

Come early and enjoy a rare treat.

Southern Illinois Teachers' Association will meet at Carbondale, April 6, 7 and 8, 1911.

CALENDAR

1911

Winter Term	Opens	January 3
	Closes	March 16
Spring Term	Opens	March 21
	Closes	June 8
Commencement Week		June 4—June 8
Summer Term	Opens	June 12
	Closes	July 21
Fall Term	Opens	September 12
	Closes	December 21

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Winter Term	Opens	January 2
	Closes	March 14
Spring Term	Opens	March 19
	Closes	June 6
Commencement Week		June 2—June 6
Summer Term	Opens	June 10
	Closes	July 19
Fall Term	Opens	September 10
		ecember 19

Summer Session

	Office	11	27 and 31	18	15
	Parkinson	Buck	French	Salter	Smith
1. 7:15–8:00			Agri.		Eng. His.
2. 8:00–8:45	Psychol.	B Gram.	Zool.	C Draw.	Rev. History
3. 8:45–9:30		A Gram.		B'k B'd Draw.	
9:30–10:15	ASSEMBLY HOUR				
4. 10:15–11:00		B Gram.	Histol.	C Draw.	Eng. His.
5. 11:00–11:45	Psychol.	Rev. Gram.	Agri.	Pic. Study or B'k b'd Drawing	Ill. His.
6. 11:45–12:30					

PROGRAM—*Continued*

	8	12	A. B.	A. B.	32
	Black	Wham	Steagall	Powers	Petersen
1. 7:15–8:00	B Arith.			Special Music	Hand Work
2. 8:00–8:45	C Geom.	School Manage't		Special Music	Const'n Work
3. 8:45–9:30		Prin. of Teach'g	Practice 2	Music Grades	Const'n Work
9:30–10;15	ASSEMBLY HOUR				
4. 10:15–11:00	B Arith.		Practice 2	Elements of Music	Man'l Arts
5. 11:00–11:45	C Geom.	School Man'g't	Methods in Grammar	Music Methods	
6. 11:45–12:30		Prin. of Teach'g	S. C. Grammar		

Program, 1911

24	17	33,34.35	21	29 and 30	28	
Allen and Pierce	Shryock and Ellis	Davis	Felts	Browne	Hollenberger	
	C Lit.			Review of Physiol.		7:15–8:00 1.
L German	Shakes.	Labor'y	S. C. Arith.			8:00–8:45 2.
L Latin	Elocu.	C & Rev. Physics	B Geom.	Botany	Theory of Phys. Tr.	8:45–9:30 3.
ASSEMBLY HOUR						9:30-10:15
Adv. Ger.	Shakes.	Labor'y		Chem.	Meth. of Phys. Tr.	10:15–11:00 4.
L German	C Lit.	Labor'y	S. C. Arith.	Labor'y		11:00–11:45 5.
L Latin		Labor'y	B Geom.	Nature Study		11:45–12:30 6.

PROGRAM—*Continued*

7	3	A. B.	A. B.	A. B. 1-2	14	
Jones		Wilson	Elliott	King	Truman	
						7:15–8:00 1.
Sewing	B Alg.	Methods 5		Methods 4	B Geog.	8:00–8:45 2.
Sewing	C Alg.	Observ. 5	Supervising	Observ. 4	S. C. Geog.	8:45–9:30 3.
ASSEMBLY HOUR						9:30-10:15
Cooking		Practice 3	Supervising	Practice 1	B Geog.	10;15–11:00 4.
Cooking	B Alg.	Practice 3	Supervising	Practice 1	S. C. Geog.	11:00–11:45 5.
	C Alg.					11:45–12:30 6.

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THE NORMAL SCHOOL BULLETIN

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SUMMER SESSION ANNOUNCEMENTS

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Summer Session Announcements

for

1912

June 10 to July 19

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LULA PEAY,
SECRETARY TO THE PRESIDENT.

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*The names of the faculty are in the order of election.
†Leave of absence.

GENERAL INFORMATION.

Commencement Week.

The Summer Session follows so closely upon the exercises of Commencement week that many who plan to come to the summer term would find it very pleasant and profitable to arrive one week earlier in order to enjoy the various programs from May 31 to June 6.

Summer Session.

This will be the twenty-fifth special or summer session. The summer term has become one of the regular terms, and credits will be given for completed work. Many have found these terms very helpful in completing work undertaken at other terms, some are able to even up their courses, others to complete their courses, others to review and take drill preparing them for passing the teachers' examination, and still others to get a broader knowledge and added enthusiasm for the duties of the school room by hearing lectures on school subjects, and by being under the influence of a professional school.

Boarding.

Good boarding may be had in clubs for about $2.50 per week; and in private families for about $3.50 or $4.00 per week. Some arrange to adopt the light-house-keeping plan, thus materially reducing the expense of living.

Tuition and Incidental Fees.

The same regulations, relative to fees, etc., that govern in the other terms apply in the summer session; but as the length of this term is one-half the length of the regular terms, these fees are proportionally lessened; the incidental fee being one dollar, and the tuition fee three dollars. The laboratory fee is one dollar. Persons holding scholarships under the Lindly Bill are relieved from entrance and laboratory fees. Non-residents of the state are charged one dollar per week. All fees are due at time of entrance.

Literary Societies.

Since a goodly number of those who attend the summer term have at some former time been members of the school and also

members of one of the literary societies, these societies have charge of the literary programs during the summer term, and offer at least four programs during the session. These prove of great benefit and pleasure to participants, and are a wholesome form of recreation to those who do not take part.

Lecture Courses.

Following the practice of several years past some instructive and helpful lectures will be given. A number of the departments, viz. Latin, English, History, Practice, Biology and Mathematics will offer two phases of their work, one to be along the usual line of recitation and thorough development, the other by a series of popular lectures, which may be taken alone, for which a half credit may be given. If both phases are taken a full credit may be given.

Provision is being made for at least two courses of lectures, one by Dean Davenport, and one by Prof. Ward, both of the University of Illinois. The Coburn Players will give entertainments on July 3.

Courses.

The following courses are offered with the understanding that others may be given should the demand warrant. On the other hand, should the demand be insufficient, in case of any herein named, the class will not be formed, but special care will be taken to supply work of equal value.

For a more complete outline of the work offered see the annual catalog, a copy of which will be forwarded at once upon request.

With but few exceptions the several classes will recite twice a day, each period being forty-five minutes in length. See page 26 for program of recitations and exercises.

I. Psychology.

MR. PARKINSON.

Without doubt there is no line of study that bears more directly on the science of teaching than does the study of psychology; and yet there is no greater diversity of opinions and theories touching the method of presentation and the phases of the study on which the emphasis should be placed than is to be found among the writers on this subject.

It is the purpose in the presentation of this most essential subject to avoid the extremes and if possible discover the golden mean and

secure the most helpful results possible, and to cause the student to discover the vital relation of a knowledge of psychic truths to the educative process, and to lead the student to appreciate the great mystery of the human consciousness in relation to the material man and the spirit that coöperates with it in the activities of the human soul.

The method of experimentation that has accomplished so much in the recent past in the realm of matter is capable of producing as great discoveries in the realm of spirit. The author selected, uses the scientific method of investigation and presents the rather abstruse subjects in a way that appeals to the searcher after truth. The text is Tichener. This class will recite twice a day, unless it is placed in the afternoon to accomodate some of its members; if so, it will meet once a day, and for a full seventy minute period.

II. Pedagogy.

MR. WHAM.

Principles of Teaching.

The various principles that underlie effective teaching are discussed, illustrated by concrete exercises and problems, and then exemplified in illustrative lessons taught by the teachers of the training school.

Thorndike's Principles of Teaching is the text. Assigned readings in James' Talks to Teachers, and Bagley's Educative Process, furnished by the school.

Two recitations daily. Full credit in C or B Pedagogy on completion of the work.

School Management.

The following topics indicate the scope of the course: The first day of the school; the organization of the school; the making of programs; discipline and moral training; securing and holding attention; the conduct of the recitation; sanitation and decoration; the teacher's relation to the parents, school board, community and profession.

Bagley's Classroom Management, one of the reading circle books for the ensuing year, is the text. Additional readings as the topic demands.

One recitation a day. One-half credit on completion of course.

Students taking both School Management and Principles of Education will receive one credit.

Principles of Education.

This course is open to experienced teachers, or persons who have had elementary pedagogy. It is a systematic study of the broader principles of education as they are derived from the basic sciences of biology, psychology, and sociology. The aim is to develop an educational philosophy that will afford a rational view of educational aims, materials, methods of teaching, and modes of discipline.

Bagley's Education Values is the text. Assigned readings on special topics.

One recitation a day. One-half credit on completion of the work.

Students taking both Principles of Education and School Management will receive one credit.

The Training School.

MR. ELLIOTT, SUPERINTENDENT.

Miss Charlotte E. Truman, Training Teacher
Miss Caroline Bengtson, Training Teacher } Grades VII–X.
Miss Mabel K. Peters, Training Teacher
Miss Elizabeth K. Wilson, Training Teacher, Grades V–VI.
Miss Mary M. Steagall, Training Teacher, Grades III–IV.
Miss Florence R. King, Training Teacher, Grades I–II.
Miss Ida L. Kitt, Supervisor of Drawing.

The elementary school organized to serve the double function of a school of observation and a school of practice will be in session throughout the six weeks of the summer session. A large school garden maintained in connection with the new department of agriculture, a textile room, a large number of exhibits for the interpretation and study of industries, a large amount of children's work prepared during the current year, a playground supplied with the most modern playground equipment and representative exhibits of text and reference books indicate some of the opportunities that are offered for the study of materials and methods of instruction.

The curriculum of the school this summer will emphasize the regular school subjects in such a way as to offer excellent opportunities for practice in them. In addition the subjects of a typical vacation school will be included with emphasis upon the manual arts, school gardening and the educational uses of the playground.

Superintendents and principals will have the opportunity to study the equipment and methods of keeping records in the various departments and to arrange with the superintendent for conferences for the discussion of problems of educational administration.

Courses I, II, III and IV. Courses in Practice Teaching.

Practice teaching will be offered in grades two to eight. Persons who elect to teach during the summer session will have departmental supervision with its attendant advantages. For example teachers who elect to teach language, reading, composition or grammar will be supervised by the training teacher who makes English her specialty; those who teach any branch of science, art, music, mathematics or manual training and construction will be supervised either by a training teacher who is making a special study of the field or by the department in which the special subject lies.

Students who teach successfully two full periods will be allowed credit in practice. If a student cannot arrange for time to exceed one period, half credit may be obtained providing such arrangement has been approved in advance by the superintendent of the training school. Because of the large number of demands for this work, it is desirable that persons who wish to teach in the training school communicate with the superintendent before the opening of the summer session.

Opportunity will be offered to a limited number of students to gain practical experience by taking charge of the assembly rooms, conducting general exercises, supervising the play and giving instruction upon the playgrounds. Credit for such work will be extended upon the same basis that estimates are made for minor subjects.

Written lesson plans and outlines, reference reading and conferences. One credit or one half-credit.

Miss Peters, Miss Steagall, Miss Bengtson and Miss Kitt.

Course V. Primary Methods and Observation.

This course consists of two periods of work per day, one of which is devoted usually to the observation of lessons taught by the one offering the course and the directors of music, physical education and art.

The other period in the summer session of 1912 will consist of a lecture course which deals with the problems of grades one and two and the methods of presenting the various subjects included in the curriculum of these grades. The course will emphasize Primary Seat Work, Primary Language, Primary Number Work and Nature Study.

The library is well equipped with references in these fields and there will be available in the training school the books which contain

material for class presentation and supplementary reading. In addition, liberal use is made of a large amount of class work prepared by the children during the school year.

No text-book is required. Study of references in the library and the training school, of the Illinois State Course of Study and of various typical courses of study for elementary schools and of exhibits of children's work is required.

Lectures, recitations, discussions and written reports. One credit.

MISS WILSON.

COURSE VI. METHODS OF INSTRUCTION IN GRADES THREE AND FOUR AND OBSERVATION.

The general organization of this course differs from Courses V and VII, in that an intensive study will be made of the elementary science course, and the subjects of construction, manual training, school gardening and in fact, the whole problem of teaching industries in the elementary school.

In addition to this the discussion of methods of teaching will be confined largely to the work of the third and fourth grades and the special problems of teaching which arise in these grades. The observation work will include lessons in music, art and physical education, but will emphasize also the special topics which the lecture course includes. Liberal use will be made of the school garden, the textile room, collections for the study of geography, the museum, and the exhibits in the household arts and manual training departments.

Reference reading and study as indcated under Course V.

Lectures, recitations, discussions and written reports. One credit.

MISS STEAGALL.

COURSE VII. METHODS OF INSTRUCTION IN THE INTERMEDIATE GRADES AND OBSERVATION.

The general organization of this course is similar to that of Course V, i. e., one period is devoted to a lecture course which deals with the problems of the intermediate grades and a second period which is devoted to the observation and discussion of lessons taught by the training teacher and the directors of music, art and physical education.

Period	Mr. Elliott	Miss Wilson	Miss Steagall	Miss Peters	Miss Bengtson	Miss Kitt	Mr. Powers
1 7:15—8:00							
2 8:00—8:45		Methods 7				B. B. Draw.	
3 8:45—9:30	Supervising	Obs. 5	Practice 2	Practice 1	Practice 3	Practice 4	
4 9:30—10:15	Supervising	Obs. 7	Obs. 6	Practice 1	Practice 3	Art (Obs.)	Music (Obs.)
10:15—10:35			Assembly Hour Recess				
5 10:35—11:20	Supervising	Methods 5	Practice 2	Practice 1	Practice 3	B. B. Draw.	
6 11:20—12:05	Conferences		Methods 6	Practice 1	Practice 3	B. B. Draw.	

In the summer of 1912 the following topics will receive emphasis: The Mechanics of School Room Procedure, Language, Geography, Arithmetic and History.

The observation covers a study of lessons presented by the regular training teacher and the directors of music, art and physical education. In connection with these, careful study is made of the school garden, the collections of concrete material for the study of geography, and of a large amount of children's work.

No text-book is required. Reference reading and study as indicated for Course V. Lectures, recitations, discussions and written reports. One credit. MISS WILSON.

In common with a number of other departments, opportunity is offered to our students to pursue the lecture courses of courses V, VI, and VII, without taking the observation work. When the lecture course is taken alone, one-half credit is given. By special arrangement one half-credit may be earned by taking the observation work without the lectures.

IV. ENGLISH GRAMMAR.

MISS BUCK AND MISS BRYDEN.

In this department three grades of work will be offered during the summer session, for which regular credits will be given.

1. State Course Grammar.

This class is organized for those who expect to teach next year, and feel deficient in their knowledge of grammar. The outline to be followed will be found in State Course of Study for 7th year. How to make each topic plain to the pupils, will be the controlling idea; but in doing this a good review of that part of grammar will be obtained. Any text book may be used.

There will also be a study of the work to be done by the classes in language as required by the State Course of Study for grades 1–6. All this will be illustrated by observing the work done by the grades in the training school. Two hours daily.

2. B Grammar.

This is regular 1st year Normal work. It deals mainly with the simple sentence in all its varieties. The parts of speech composing it and their properties are studied in connection with their inflec-

tions. Capitalization and punctuation form a part of this term's work. Two hours daily.

3. A Grammar.

This is regular second year Normal work. It is based upon the complex sentence, and considers the grammatical changes required by the abridgment of the subordinate clause. Idiomatic expressions are studied in regard to meaning and classification. The method work in language will be done with that of the State Course mentioned above.

Text—Buck's Grammar and Analysis.

V. English Literature and Rhetoric.

MR. SHRYOCK AND MRS. ELLIS.

1. Literature C.

Texts.—Translations from Old English Prose, Cook & Tinker. Translations from Old English Poetry, Cook & Tinker. Studies in English Literature, Swinton. Johnson's History of English and American Literature. All of these are furnished by the school except the Swinton.

The Lit. C will be offered in two courses: (a) Series of lectures on the "Backgrounds of Literature"; (b) Studies of typical selections chosen to illustrate the development of English and American Literature.

3. Elocution.

Text.—Cumnock's Choice Readings.

VI. History and Civics.

MR. SMITH.

1. English History.

This course may be taken by either third or fourth year students. The text is Cheyney's A Short History of England. The class work will start with the Norman Conquest. Two recitations daily.

Commencing with the third week of the term and continuing till the close of the session, lectures will be given, one period each day, on the English Constitution. These lectures will take the place of one recitation per day in the English History work, but students who desire grades for the term's work will be required to take notes and do a certain amount of library work. Teachers and others who do not enroll as regular members of the class may be admitted to these lectures.

2. Illinois History and Civics.

A course will be offered in Illinois History and Civics. The course, if well mastered, will meet the requirements of the county examination for teacher's certificate. Text, "A Student's History of Illinois." The class will recite once each day.

3. United States History.

A class will be organized to review the History of the United States, and will recite but once each day. The review will give special attention to the organization of the government under the constitution. Bring your texts in United States History, also Course of Study.

VII. Geography

MR. COLYER.

B Geography.

Two hours per day. The term's work will follow the plan as outlined in the State Course of Study for the seventh year. A short review of "Mathematical Geography," "The General Circulation of the Atmosphere and Rainfall" will be given as a basis of interpretation of North America and Europe.

A Geography.

Two hours per day. Plan of this term's work is to discuss: (1) The nature and scope of geography; (2) Method of teaching the subject in various grades in common schools; (3) To take enough Field and also Industrial Excursions to show both what to study and how to do this sort of work.

VIII. Latin and German.

MR. ALLEN AND MR. PIERCE.

Private Life of the Romans.

A course on Roman private life will be given in the form of lectures. For this course a knowledge of Latin will be helpful, but not necessary. Credit for ½ term will be given for attendance upon these lectures, provided the examination be taken at the end of the term.

Latin Syntax.

The course mentioned above will be given one hour each day, and those who wish to make a full credit in Latin will be required to take in addition another hour, which will be devoted to a study of syntax. Material for study will be taken from authors usually read in secondary schools, and the work will be accomodated to the needs of those who take the course.

This course is designed primarily for actual or prospective teachers of Latin, but anyone who has had not less than three years of Latin, may be admitted to the course. Special study of the subjunctive mode will be undertaken.

One full term credit will be given for the satisfactory completion of both of the above courses, and this credit may be substituted for any term of the required work in Latin in the regular course.

German (J. German).

This is the work of the third term of the first year. Those who began German the Winter Term may prepare themselves in this class to go on with the second year's work (I. German) in the fall. The text will be Bacon's Im Vaterland.

IX. Physical Science.

MR. DAVIS.

1. *Review Class in Physics.*

Each summer session there is a review class, which prepares for the examinations for a First Grade Certificate.

2. *Beginning Work in Physics.*

The regular C class treats of the fundamental principles of the subject. The principles are experimentally illustrated and carefully discussed during the class period. Much emphasis is placed on the construction of apparatus suitable for demonstrating physical truths. The pieces made by students are their property.

The class prepares for the examination in most of the counties in the southern part of the state, and gives one credit toward graduation from the institution.

X. Chemistry.

MR. BROWNE.

Only two courses in chemistry are offered for the Summer Term of 1912. Students may take either or both. Beginners are not advised to try B Chemistry in the Summer Term but by taking courses I and II they may make a credit that may be applied to the Fall Term's work of the Applied Science and Art Courses.

Persons wishing more advanced work should arrange for it before the Summer Term begins.

Course I.

A course of lectures and quizes on the "Chemistry of Common Things" designed for beginners, and as an ntroduction to chemical study. Some of the subjects discussed will be the chemistry of the air, and of compounds derived from its elements, chemistry of water, and of solutions, the chemistry of respiration, of digestion, of decay, both organic and inorganic, of cleaning and laundrying, and of many other processes connected with agriculture, and the preparation or preservation of foods.

Half-credit will be granted those passing satisfactory examinations. One period daily. No text.

Course II.

This course furnishes training in laboratory methods, and practice, and in scientific mode of thot as applied to chemical work, and also furnishes the basis for the study of the history and development of chemical science

Much of the work is parallel with Course I and may be taken with Course I as a credit in B Chemistry.

Two periods daily. One half-credit for satisfactory work and note-book.

Any modern text may be used.

XI. Mathematics.

MR. BOOMER, MR. BLACK AND MISS BRYDEN.

B Arithmetic,—Mr. Black and Miss Bryden.

The work will be a general review of the subject. The second hour section will cover the work from the first to percentage. The fifth-hour section will be given to percentage and mensuration. Sensinig and Anderson's text is used. One half-credit will be given in each section.

A Algebra.—MR. BOOMER.

Review of quadratics. Proportion, series, binominal theorem. Logarthm's if time permits. Well's Essentials of Algebra is the text.

B Geometry.—MR. BOOMER.

The work begins with similar polygons and completes plane geometry. A few days will be spent in reviewing proportion before formal entry upon the work. Well's new Plane Geometry is the text.

Book Keeping.

MR. BLACK.

The work in Book Keeping for the Summer Term will be conducted in the same way and cover the same ground as in the other terms.

The Modern Illustrative System of Book Keeping will be used and during the six weeks the work as outlined in the introductory course of this system will be thoroughly worked out.

The first part of the work deals with the laws of debit and credit that appear in the various business transactions. The Journal Day

Book is used to make a record of the original entry. When a general knowledge of how to make the proper debits and credits is acquired, the ledger, cash book, sales book, and invoice book are each introduced in proper order

Bills, statements, invoices, checks, notes, drafts, money and representative merchandise are handled in the same manner as in actual business, thus familiarizing the student with these things as they present themselves in every day life. In fact the student is given actual book keeping work from the very outset and is made to feel at all times that his work is similar in reality and importance to that which is done in the business office.

After having completed the work as outlined for the Summer Term there will be no difficulty in teaching the work as outlined in the State Course or of fully understanding the problems that deal with accounting in the modern arithmetics.

XII. Penmanship.

MR. BLACK.

The demand made for penmanship in the preceding Summer sessions warrants us in offering a course this year.

No one disputes the fact that this subject is either poorly taught or is entirly neglected. The work as planned for the Summer Term will develop the latest methods employed in teaching this subject.

The time has passed when one can rank with the average teachers of this subject without understanding the methods of developing letter formations, and their various combinations. The plan of how to teach this subject and what to teach all grades will be carefully worked out.

Those who are willing to work and are anxious to improve their own handwriting as well as learn how to teach the subject will find this work profitable.

XIII. Biology and Agriculture.

MR. GILBERT.

RENZO MUCKELROY, ASSISTANT, (On leave of absence).
MR. BROWNE, ASSOCIATE.
MR. FRENCH, CURATOR.

Agriculture.

Teachers' Short Course. The work in Agriculture will cover the general field of the subject, with particular attention to lines of work adapted to the use of grade teachers. Students in soils, crop production, animal husbandry, poultry, etc., will be included. The new State farm with its demonstration plots will furnish the basis for studies by the class. One hour daily. One half-credit. MR. GILBERT.

Ornithology.

The bird studies will be made in class room, museum and field. An effort will be made to combine the economic and the aesthetic phases of the subject. Students must learn to recognize birds in the field through frequent and regular field trips. Field glasses or opera glasses are very desirable though not required. The nature study idea as related to bird studies will receive attention.

One hour daily. One half-credit. MR. GILBERT.

Zoology S. 1.

This course in Zoölogy will consist of lectures covering the field of general Zoölogy. Students taking this course and passing the examination will receive credit.

One hour daily. One half-credit. MR. GILBERT.

Zoology S. 2.

This course is a laboratory and field course designed to run parallel with Zoölogy S. 1. Type studies of external and internal organs will give the student familiarity with the laboratory method. One hour daily. One half-credit. MR. GILBERT.

NOTE. Zoölogy S. 1 and S. 2. may be taken for credit separately or together. If both are taken the student will receive credit for one regular term of Zoölogy. Students may take Zoölogy S. 1. without passing the examination but they would receive no credit.

Botany S. 1.

This course will consist of lectures on flowering plants, ecology, adaptation, injurious plants, etc. Students may take the lectures for credit as in Zoölogy S..1. One hour daily. One half-credit.

MR. BROWNE.

Botany S. 2.

Laboratory and field work to run parallel with Botany S. 1. These two courses in Botany may be taken separately or together for credit as in Zoölogy. One hour daily. One half-credit.

MR. BROWNE.

Physiology

The work in Physiology will be in the nature of a review for those who are preparing for the teachers' examination.

One hour daily. One half-credit. MR. FRENCH.

New laboratories, well equipped are open to all students in these courses. Provision may be made for special work of an advanced character if students so desire.

XIV. DRAWING.

MISS BURKET AND MISS KITT.

The Art Department offers for the Summer Term, three courses as follows:

1. B Drawing.

This includes water color as well as pencil as a medium. Work is done from nature and still life. Some principles of design are studied and application made in the decoration of simple objects made by the class.

2. Blackboard Drawing.

This is studied with special reference to illustrative drawing. Ability to draw well and rapidly on the blackboard is a power which every teacher of children covets. When teachers use this graphic language they will never fail to awaken keen interest and hold attention.

The aim is to enable the student to have command of the crayon and to give him ability to make simple drawings that will be helpful in teaching.

3. Picture Study.

This course will use the pictures in the language work of the Illinois Course of Study.

These pictures will be studied in relation to their meaning to the child, their composition and methods of presentation.

It will be the aim also, to learn something of the artists and their style of work.

If preferred a class in History of Art will be substituted for Picture Study and one half-credit in A Drawing will be given for one hour's work a day.

XV. Public School Music.

MR. POWERS.

During the Summer Session the Department of Music will offer three courses: Elementary Music, Music in Primary Grades and Chorus.

Course I. Elementary Music.

This course deals with the symbols of notation, scales, meters, rhythms, sight-singing, etc. Special attention will be given to the new definitions and musical terms adopted by the Music Section of the National Education Association as being peculiarly suited to the needs of the grades. Satisfactory work in this course should be a sufficient preparation for the County Superintendent's test in music.

To complete Elementary Music, students must pass written test in the theory of music and be able to sing at sight, with words or Italian syllables, music of the degree of difficulty of "America." This course is valuable to students in voice, piano or orchestral instruments, since the theory of notation is presented in a definite way.

Students in Course I are required to register in Course III. for full credit. Daily recitation. Text: "The School Song Book."

Course II. Music in Primary Grades.

After a brief review of Elementary Music, the subject matter for use in primary grades together with methods for its presentation, will be presented. Only those students who have had Elementary Music or its equivalent in piano or voice may enter this course. One half-credit in Music Methods allowed for satisfactory work. Daily recitation.

Course III. Chorus and Sight Reading.

This course is required of all students in Course I, but is open to all students whether registered in any of the other courses in music or not. "The School Song Book" published by C. C. Birchard & Co. will be used for sight reading, and the study of unison and part songs, hymns, anthems, chorus from opera and oratorio, etc. The study of theory will be incidental. One half-credit in Elementary Music allowed. Daily recitation.

Special.

The music work in the training school will be in charge of the Director of Music during the fourth period, daily. Students will be allowed to observe this work and if competent, may arrange for practice teaching.

Private instruction in piano, voice, violin or public school music may be obtained at reasonable rates; students desiring such instruction should write to the Director of Music who will gladly assist in locating them with competent teachers.

XVI. Manual Training.

MR. PETERSEN.

This department offers three courses for the Summer Term as follows:

1. Hand Work for Primary Grades.

This course is planned to meet the demand upon teachers to be able to teach hand work in the school room. This work requires only inexpensive equipment and materials and can be taught to large classes by the "dictation method."

a. Free-hand and systematic cutting and pasting.

b. Paper folding, measuring, drawing on paper and cardboard as materials of construction.

c. Cord knotting and braiding, tying of bags and hammocks.

d. Interlacing of paper, weaving and winding of raffia, yarn and rattan.

Instruction will be given in selecting materials and inexpensive equipment for schools.

2. Construction Work for Intermediate Grades.

a Book-binding and book-repairing.

b. Basketry—practice in making different forms of centers, weaving, patterns, borders and shapes of baskets.

c. A course in whittling and coping saw work which may be taught in the classroom.

d. Bent iron work.

Talks on equipment, planning courses, methods of presentation, and correlation of hand work with other school subjects.

3. Manual Arts for Grammar Grades.

Tool manipulation is presented to the class by means of complete demonstrations.

Frequent discussions on the history and characteristics of materials and tools, the theory of construction, the proper method of laying out work and structural designs.

a. Bench work in wood. This course offers practice in the correct use of tools and in a systematic procedure at structural exercises.

b. Decorations, carving, stenciling, inlaying.

c. Practice in wood finishing.

Mechanical Drawing is taken parallel with construction work in this course. The theory of orthographic projection is studied and applied in the making of working drawings. Demonstrations in tracing and blue-printing.

XVII. Physical Training.

MISS HOLLENBERGER

The summer course in physical education will consist of lectures presenting the theory of Swedish gymnastics and the application of the day's order to the use of the different grades. The lectures will be supplemented by practical gymnastics, observation of model lessons given to the different grades, and games suitable for use in the school room. This course requires two periods a day.

There will be also one period a day devoted to folk dancing and singing games. These dances and games are borrowed from the peasant folk of different nations and represent in a rhythmic way the the occupations, customs, myths and ceremonies of the people. They are enjoyed by children of the primary and intermediate grade, because they satisfy the desire for dramatic expression and rhythmic movement at the same time.

XVIII. Household Arts.

MISS JONES AND MISS WOODY.

COOKERY—MISS JONES.

The first three weeks of the Summer Session.

This course will consist of typical lessons in the preparation of food, showing the effect of heat, fermentation and cold upon the composition and digestibility of foods. The work will be very general in nature and is designed for those interested in the subject from a practical rather than from a professional standpoint. The course does not take the place of any one course offered in the regular work of the department.

The cost of food, methods of marketing and the equipment of the kitchen will be discussed.

Laboratork Work—Cereals, vegetables, soups, meats, breads, salads, desserts, tea, coffee, chocolate with some table service.

Time.—The class will meet two double laboratory periods daily. The 3rd and 4th and the 5th and 6th. Thus accomplishing as much in the three weeks as hitherto accomplished in six weeks.

SEWING—MISS WOODY.

The last three weeks of the Summer Session.

The work in sewing will begin on July 1st and continue until the 19th The course will be adopted to the demands of the students and will consist of hand work suitable for the home or school room. Some machine work will be offered to those sufficiently advanced.

Students will be given the opportunity of working four periods daily.

XIX. Library.

MISS WOOLMAN AND MISS KILIAN.

The excellent Library will be open for use during the school sessions. The large selection of periodicals furnishes ample reading matter for those who have the time for such diversion from the strenuous duties of the class room and the preparation therefor.

CALENDAR

1912

Winter Term	Opens	January 2
	Closes	March 14
Spring Term	Opens	March 19
	Closes	June 6
Commencement Week		June 2—June 6
Summer Term	Opens	June 10
	Closes	July 19
Fall Term	Opens	September 10
	Closes	December 19

1913

Winter Term	Opens	January 1
	Closes	March 13
Spring Term	Opens	March 18
	Closes	June 5
Commencement Week		June 1—June 5
Summer Term	Opens	June 9
	Closes	July 18
Fall Term	Opens	September 9
	Closes	December 18

Summer Session

		Office	11	7-8	15	24
		Parkinson	Buck	French	Smith	Allen and Pierce
1.	7:15				Eng. Hist.	
2.	8:00	Psychol.	B Gram.			Latin Syntax
3.	8:45		A Gram.		Ill. Hist. and Civ.	J German
4.	9:30				Lectures on Const.	
	10:15	ASSEMBLY HOUR				
5.	10:35	Psychol.	B Gram.		S. C. History	Private Life of the Romans
6.	11:20		A Gram.	Rev. Physiol.		J German

PROGRAM—*Continued*

		26—Gym.	9	12	A. B.	39
		Black	Bryden	Wham	Powers	Petersen
1.	7:15	Book Keeping	Rev. Gram.		El. Music	Hand Work
2.	8:00	Book Keeping	B Arith.	School Manag't	Course II	Const'n Work
3.	8:45	Penmanship		Prin. of Teaching	Chorus	Const'n Work
4.	9:30		Rev. Hist.		Grade Music	Man'l Arts
	10:15	ASSEMBLY HOUR				
5.	10:35	B Arith.		Prin. of Education		Man'l Arts
6.	11:20			Prin. of Teaching		

Program, 1912

17	37,38,39	14	33 -34	6—Gym.	
Shryock and Ellis	Davis	Colyer	Browne	Hollen-berger	
C Lit.		B Geog.	Botany		7:15 1.
	Labor'y	A Geog.	Botany		8:00 2.
Elocution			Chemistry	Theory of Phys. Tr.	8:45 3.
C Lit.	Labor'y	B Geog.	El. Chem.		9:30 4.
ASSEMBLY HOUR					10:15
	C and Rev. Physics	A Geog.		Meth. of Phys. Tr.	10:35 5.
	Labor'y				11:20 6.

PROGRAM—*Continued*

18	1-2	30-31	23	3	
Burket	Jones	Gilbert	Boomer	Woody	
		Ornithol.	B Geom.		7:15 1.
		Agricul.	A Alg.		8:00 2.
B Drawing	Cookery	Zool.		Sewing	8:45 3.
Black B'd Drawing	Cookery	Zool.	B Geom.	Sewing	9:30 4.
ASSEMBLY HOUR					10:15
Picture Study	Cookery		A Alg.	Sewing	10:35 5.
B Drawing	Cookery			Sewing	11:20 6.

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THE NORMAL SCHOOL BULLETIN

Vol. VII. *No. 2*

APRIL, 1913

SUMMER SESSION ANNOUNCEMENTS

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JANUARY, APRIL, JULY, OCTOBER.

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PRESIDENT'S OFFICE

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Vol. VII. *No. 2.*

Southern Illinois State Normal University

Summer Session Announcements

for

1913

June 9 to July 18

Published by the Southern Illinois State Normal University, January, April, July, and October.

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ASSISTANT IN ACADEMIC DEPARTMENT.

GEORGE D. WHAM, ED. B.,
SCHOOL MANAGEMENT, GENERAL METHOD AND PHILOSOPHY OF EDUCATION.

MARY M. STEAGALL, PH. B., ED. B.,
HIGH SCHOOL INSTRUCTOR FIRST AND SECOND YEARS.

FLOYD A. POWERS,
VOICE, THEORY, AND PUBLIC SCHOOL MUSIC.

LEWIS C. PETERSON, B. S.,
MAN'L TRAINING AND SUPERVISOR OF CONSTRUCTION IN TRAINING SCHOOL.

GRACE L. BURKET,
DRAWING.

GRACE JONES,
HOUSEHOLD ARTS.

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SUPERINTENDENT TRAINING SCHOOL.

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CHARLOTTE E. TRUMAN,
CRITIC TEACHER 7th AND 8th GRADES.

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TRAINING TEACHER 3rd AND 4th GRADES.

MARY B. DAY, A. B.,
ASSISTANT IN LIBRARY.

LULA PEAY,
SECRETARY TO THE PRESIDENT.

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*The names of the faculty are in the order of election.
†Leave of absence.

GENERAL INFORMATION.

Commencement Week.

The Summer Session follows so closely upon the exercises of Commencement week that many who plan to come to the summer term would find it very pleasant and profitable to arrive one week earlier in order to enjoy the various programs from June 1 to June 4.

Summer Session.

This will be the twenty-sixth special or summer session. The summer term has become one of the regular terms, and credits will be given for completed work. Many have found these terms very helpful in completing work undertaken at other terms, some are able to even up their courses, others to complete their courses, others to review and take drill preparing them for passing the teachers' examination, and still others to get a broader knowledge and added enthusiasm for the duties of the school room by hearing lectures on school subjects, and by being under the influence of a professional school.

Boarding.

Good boarding may be had in clubs for about $2.50 per week; and in private families for about $3.50 or $4.00 per week. Some arrange to adopt the light house-keeping plan, thus materially reducing the expense of living.

Tuition and Incidental Fees.

The same regulations, relative to fees, etc., that govern in the other terms apply in the summer session; but as the length of this term is one-half the length of the regular terms, these fees are proportionally lessened; the incidental fee being one dollar, and the tuition fee three dollars. The laboratory fee is one dollar. Persons holding scholarships under the Lindly Bill are relieved from entrance and laboratory fees. Non-residents of the state are charged one dollar per week. All fees are due at time of entrance.

Literary Societies.

Since a goodly number of those who attend the summer term have at some former time been members of the school and also members of one of the literary societies, these societies have charge of the literary programs during the summer term, and offer at least four programs during the session. These prove of great benefit and pleasure to participants, and are a wholesome form of recreation to those who do not take part.

Lecture Courses.

Following the practice of several years past some instructive and helpful lectures will be given. A number of the departments, viz. English, Practice, and Science will offer two phases of their work, one to be along the usual lines of recitation and thorough development, the other by a series of popular lectures, which may be taken alone, for which a half credit may be given. If both phases are taken a full credit may be given.

Provision is being made for a number of lectures by men of prominence and also for two outdoor entertainments by the noted Coburn Players of New York, on June 16.

Courses.

The following courses are offered with the understanding that others may be given should the demand warrant. On the other hand, should the demand be insufficient, in case of any herein named, the class will not be formed, but special care will be taken to supply work of equal value. More review work in the common branches will be offered than usual. The rural school will be emphasized.

For a more complete outline of the work offered see the annual catalog, a copy of which will be forwarded at once upon request.

With but few exceptions the several classes will recite twice a day, each period being fifty minutes in length. See page 28 for program of recitations and exercises.

I. Psychology.

MR. PARKINSON.

Without doubt there is no line of study that bears more directly on the science of teaching than does the study of psychology; and yet there is no greater diversity of opinions and theories touching the method of presentation and the phases of the study on which the

emphasis should be placed than is to be found among the writers on this subject.

It is the purpose in the presentation of this most essential subject to avoid the extremes and if possible discover the golden mean and secure the most helpful results possible, and to cause the student to discover the vital relation of a knowledge of psychic truths to the educative process, and to lead the student to appreciate the great mystery of the human consciousness in relation to the material man and the spirit that coöperates with it in the activities of the human soul.

The method of experimentation that has accomplished so much in the recent past in the realm of matter is capable of producing as great discoveries in the realm of spirit. The author selected, uses the scientific method of investigation and presents the rather abtruse subjects in a way that appeals to the searcher after. truth The text is Tichener. This class will recite twice a day, unless it is placed in the afternoon to accomodate some of its members; if so, it will meet once a day, and for a full seventy minute period.

II. Pedagogy.

MR. WHAM.

School Management.

The following topics indicate the scope of the course: The first day of the school; the organization of the school; the making of programs; discipline and moral training; securing and holding attention; the conduct of the recitation; sanitation and decoration; the teacher's relation to the parents, school board, community and profession.

Bagley's Classroom management, one of the reading circle books for the current year, is the text. Additional readings as the topic demands.

Two recitations a day. Full credit on completion of course.

Principles of Teaching.

The various principles that underlie effective teaching are discussed. illustrated by concrete exercises and problems, and then exemplified in illustrative lessons taught by the teachers of the training school.

Thorndike's Principles of Teaching is the text. Assigned readings

in James' Talks to Teachers, and Bagley's Educative Process, furnished by the school.

Two recitations daily. Full credit in C or B Pedagogy on completion of the work.

III. The Training School.

MR. ELLIOTT, SUPERINTENDENT.

Miss Charlotte E. Truman, Training Teacher
Miss Mary M. Steagall, Training Teacher } Grades VI-X.
Miss Emma L. Bowyer, Training Teacher

Miss Fadra R. Holmes, Training Teacher, Grades III-IV-V.

Miss Florence R. King, Training Teacher, Grades I-II.

The elementary school organized to serve the double function of a school of observation and a school of practice will be in session throughout the six weeks of the summer session. An extended school garden maintained in connection with the new department of agriculture, a textile and manual arts room, a large number of exhibits for the interpretation and study of industries, exhibits of children's work prepared during the current year, a playground supplied with the most modern playground equipment and representative exhibits of text and reference books indicate some of the opportunities that are offered for the study of materials and methods of instruction.

The curriculum of the school this summer will emphasize the regular school subjects in such a way as to offer excellent opportunities for practice in them. In addition the subjects of a typical vacation school will be included with emphasis upon the manual arts, school gardening and the educational uses of the playground.

During the summer of 1913 a number of new courses are offered. Particular attention is directed to the courses in Rural Education, Methods of Instruction and Observation for Upper Grades and Courses in Observation.

Those who wish to pursue a course in Primary Methods will find the description under Course IV.

Superintendents and principals will have the opportunity to study the equipment and methods of keeping records in the various departments and to arrange with the superintendent for conferences for the discussion of problems of educational administration.

Courses I, II and III. Practice Teaching.

Course I ....Primary Grades.
Course II.....Grades III-V.
Course III .....Grades VI-VIII.

Practice teaching will be offered in grades one to eight. Persons who elect to teach during the summer session will have departmental supervision with its attendant advantages.

Students who teach successfully two periods will be allowed one credit in practice. If a student cannot arrange for time to exceed one period, half credit may be obtained providing such arrangement has been approved in advance by the superintendent of the training school. Because of the large number of demands for this work, it is desirable that persons who wish to teach in the training school communicate with the superintendent before the opening of the summer session.

Opportunity will be offered to a limited number of students to gain practical experience by taking charge of the assembly rooms, conducting general exercises, supervising the play and giving instruction upon the playgrounds. Credit for such work will be extended upon the same basis that estimates are made for minor subjects.

Written lesson plans and outlines, reference reading and conferences. One credit or one half-credit.

Mr. Elliott, Miss Truman, Miss Steagall, Miss Holmes and Miss King.

Course IV. Primary Methods.

For the summer of 1913, this course will consist of only one period per day. This period will be devoted to lectures and recitations upon the primary curriculum and the method of teaching the various subjects. The subjects which will be considered during the present summer are primary reading, primary number work, nature study and the study of elementary history, which will include a study of primitive life and occupations.

Those teachers who expect to work in rural schools will find sufficient emphasis upon the teaching of these subjects in the rural schools to serve their purposes and rural teachers who wish some training in primary work are advised to elect this course.

The library is well equipped with references in these fields and there will be available in the training school the books which contain material for class presentation and supplementary reading. In addition, liberal use is made of a large amount of class work prepared by the children during the school year.

No text-book is required. Study of references in the library and the training school, of the Illinois State Course of Study and of various typical courses of study for elementary schools and of exhibits of children's work is required.

Lectures, recitations, discussions and written reports. One half-credit only. Miss King.

Course V. Observation.

This course is offered for the first time during the summer session of 1913. It is a two-hour course and students will have the opportunity to observe teaching in the various branches of the curriculum, to study at first hand the economic planning of lessons and to take charge of rooms and to do some class teaching. The opportunity is an exceptional one because of the range of work which will be offered. The teacher in charge has had the great advantage of contact with the rural school, the best city systems of graded schools, long experience as a critic teacher and in addition has special preparation for vocational work.

Students who desire to place their emphasis upon the teaching of some one subject will be permitted to do so. Special arrangements for work of this character, however, should be made in advance by consulting the superintendent of the training school. In general emphasis will be placed upon the work for the third, fourth and fifth grades.

Persons who desire to take a course in observation in primary work will do well to elect observation work in the third grade as the time of grades one and two is devoted largely to practice teaching. Persons who wish to study at first hand the teaching of construction in a number of grades will find it to their advantage to elect this course.

Reference reading, conferences, written lesson plans and outlines. One or two hours daily. One credit or one half-credit.

Miss Holmes.

N. B. Although it is desirable that persons who elect courses in observation take observation for two hours in special instances

a student may be permitted to take one hour of observation but arrangement for this should be made in advance with the superintendent.

Course VI. Rural Education.

This is a new course carefully planned to meet the demand for practical training of teachers who have been teaching a rural school and for those who wish to prepare for this work.

This course will consist of two distinct lines of work. One will consists of a general survey of rural school conditions in Illinois and elsewhere and will include the consideration of the problems of rural life and the relation of the rural school to its community. Some ofthe topics which will be considered are: Farmers' organizations, gatherings at the rural schoolhouse, the school as a community center, the rural church, agricultural education for adults as well as pupils, agencies for the improvement of country life, the rural press, rural libraries, means of communication and rural government. The other phase of this course will deal with the curriculum of the rural school as a whole, methods of presenting the subjects, a consideration of the place and time to be given in the curriculum to such subjects as agriculture, domestic science, and handwork. Effort will be made to instruct rural teachers in the manner of handling a balanced curriculum. In addition to this intensive work will be done on the subjects of arithmetic, picture study and language, nature study, agriculture, landscape gardening and physiology.

The course of study for rural schools will receive attention throughout the course. Naturally the Illinois State Course of Study will be fully discussed. Combined with this students will have an opportunity to study the best typical rural courses that have been produced in the various parts of the United States. The outlines presented in the Report of the Educational Commission for Illinois in 1911 will be included in this study. In addition to these documents the course will be based upon the books prepared by Bailey, Butterfield, Davenport, Foght, Carney and other prominent writers on rural education.

Carney's Country Life and the Country School is the text used. In addition to this each member of the course is required to own the 1912 edition of the Illinois State Course of Study. The library is well supplied with reference material and will be utilized freely.

A number of the faculty will coöperate in this course. Lectures will be given in agriculture by Mr. Muckleroy, on rural school music by Mr. Powers and Miss Parsons and on other topics as announced.

Lectures, recitations, discussions and written reports.
Two hours daily. One credit. MISS STEAGALL.

N. B. Students who elect Course VI if in need of training in pedagogy are advised to pursue School Management as a parallel course. Those who feel a need for training in Primary Work are advised to elect Course IV and those who desire to place emphasis upon the work in the upper grades, Course VII, as parallel courses. Both will emphasize rural school work. Those who desire to place emphasis upon school gardening and elementary agriculture may elect a course in gardening the second hour and a Teacher's Course in Agriculture the third hour. Those who wish to study handwork in connection with this course are advised to elect one of the courses in handwork offered in the department of manual training.

Those who wish to do some teaching and are unable to take one of the practice courses or who desire to study the actual teaching of a number of subjects are advised to elect Course V, Observation, as a parallel course.

COURSE VII. METHODS OF INSTRUCTION AND OBSERVATION FOR UPPER GRADES.

This course is offered for the first time during the summer of 1913. It will consist of two periods of work per day, one of which is devoted to lectures, recitations and discussions, which deal with the problems of grades six to eight inclusive and the methods of presenting the various subjects included in the curriculum of these grades. The other period will be devoted to the observation of typical lessons in these grades, lectures by members of the faculty who coöperate in offering the course and to recitations and conferences. In the summer of 1913 the subjects emphasized are English, Geography, United States History and Civics and Arithmetic.

For those teachers who wish to utilize this work for teaching in the rural schools, special emphasis will be placed upon the teaching of these subjects in rural schools. The work will be based upon a discussion of the Illinois State Course of Study and other typical rural school courses. In addition to the work offered by the regular teacher, there will be lectures on the teaching of music, phys-

Program of Training School.

SUMMER SESSION 1913.

Period		Mr. Elliott	Miss Truman	Miss Steagall	Miss King	Miss Holmes	Miss Bowyer	Mr. Powers and Miss Parsons	Miss Hollenberger
1	7:00—7:50			Rural Education VI					
2	7:50—8:40	Supervising	Practice III	Practice III	Practice I	Practice II Observ. V	J. Latin		
3	8:40—9:30	Practice III	Methods VII	Practice III	Practice I	Practice II Observ. V	English Upp. Grds.		
4	9:30—10:20	Practice III		Rural Education VI	Practice I	Observ. V	Beg. Latin	Music (Grades)	Phys. Train. (Grades)
	10:20—10:40			Assembly Hour Recess					
5	10:40—11:30	Conferences	Practice III		Methods IV	Practice II Observ. V			
6	11:30—12:20		Methods VII				J. Latin		

ical education, nature study, and agriculture by the heads of the departments which offer these subjects. Students who elect this course will have an opportunity to observe expert teaching by the training teacher in connection with these grades. In addition to this, they will have the opportunity to observe work in school gardening and in construction work in the various grades of the training school.

This is the only course offered this summer which gives the student an opportunity to combine a study of examples of good teaching with an intensive study of certain subjects of the curriculum. It should be understood that the entire curriculum for these grades will be considered, such study being based upon references in the library, typical courses of study for elementary schools and exhibits of children's work. No text-book is required.

Lectures, recitations, discussions and written reports. Two hours daily. One credit. MISS TRUMAN.

IV. ENGLISH GRAMMAR.

MISS BRYDEN.

In this department two grades of work will be offered during the summer session, for which regular credits will be given.

1. Review Grammar.

This class is organized for those who expect to teach next year, and feel deficient in their knowledge of grammar. The outline to be followed will be found in State Course of Study for 8th year. How to make each topic plain to the pupils, will be the controlling idea; but in doing this a good review of that part of grammar will be obtained. Any text book may be used.

There will also be observation of the work to be done by the classes in language as required by the State Course of Study for grades 1-6. All this will be illustrated by the work done by the grades in the training school. One hour daily.

2. B Grammar.

This is regular 1st year Normal work. It deals mainly with the simple sentence in all its varieties. The parts of speech composing it and their properties are studied in connection with their inflections. Capitalization and punctuation form a part of this term's work. Two hours daily.

Text—Buck's Grammar and Analysis.

V. English Literature and Rhetoric.

MR. SHRYOCK AND MRS. ELLIS.

1. *Literature C.*

Texts.—Translations from Old English Prose, Cook & Tinker. Translations from Old English Poetry, Cook & Tinker. Studies in English Literature, Swinton. Johnson's History of English and American Literature. All of these are furnished by the school except the Swinton.

The Lit. C will be offered in two courses: (a) Series of lectures on the "Backgrounds of Literature"; (b) Studies of typical selections chosen to illustrate the development of English and American Literature.

3. *Elocution.*

Text.—Cumnock's Choice Readings. Two hours per day.

VI. History and Civics.

MR. SMITH AND MISS BRYDEN.

1. *English History.*

This course may be taken by either third or fourth year students. The text is Cheyney's A Short History of England. The class work will start with the Norman Conquest. Two recitations daily.

2. *Illinois History and Civics.*

A course will be offered in Illinois History and Civics. The course, if well mastered, will meet the requirements of the county examination for teacher's certificate. Text, "A Student's History of Illinois." The class will recite once each day.

3. *United States History.*

A class will be organized to review the History of the United States, and will recite but once each day. The review will give special attention to the organization of the government under the constitution. Credit will be given in the C work.

4. B History.

This course will be offered those who wish to make a credit in B History. The class will recite twice daily. The text is Channing.

VII. Geography.

MR. COLYER AND MISS BRYDEN.

B Geography.

Two hours per day. The plan of this course is to make a detailed study of one continent as illustrative of the general plan of dealing with any other continent. Full credit will be given to all who do the work satisfactorily.

A Geography.

Two hours per day. The plan of this term's work is to discuss; (1) The nature and scope of geography; (2) Method of teaching the subject in the various grades in the common schools; (3) To take enough Field Trips and also Industrial Excursions to show both what to study and how to do this sort of work. Full dredit will be given for satisfactory work.

Review Geography.

One hour per day. The purpose of this course is to give a general review of the subject. There will be no detailed study of any continent, or country as in B Geography. Credit in C Geography will be given to all who do creditable work.

VIII. Latin, German and French.

MISS BOWYER AND MR. PIERCE.

J Latin.—This is the work of the third term of the first year of Latin. The last lessons of the first year book will be taken, and the remaining time will be given to reading from Ritchie's Fabulae Faciles. Two hours per day.

L Latin.—This is a beginning class in Latin. It is offered as a review or as preparation for the regular work of the fall term. One hour per day. One half-credit.

Beginning German (L. German.)

Two hours daily. Bacon's German Grammar. This course gives chief attention to reading German, correlating grammar and composition exercises with the text. Six weeks intensive study of a modern foreign language should put one where he can continue the study by himself. Much consideration is given to the cognate relations between German and English and to a general understanding of historical word-study. Webster's New International Dictionary and other works on Etymology are the references.

Beginning French (L. French.)

Two hours daily. Easy French, by Snow and Lebon. Special drill on verbs. Attention given to the relations between English, French, and Latin.

IX. Physical Science.

MR. DAVIS.

1. *Review Class in Physics.*

Each summer session there is a review class, which prepares for the examinations for a First Grade Certificate.

2. *C Physics.*

The regular C class treats the fundamental principles of the subject. The principles are experimentally illustrated and carefully discussed during the class period. Much emphasis is placed on the construction of apparatus suitable for demonstrating physical truths. The pieces made by students are their property.

The class prepares for the examination in most of the counties in the southern part of the state, and gives one credit toward graduation from the institution.

Lectures.

A course of lectures will be offered for the third hour. Demonstrations and illustrations will accompany the discussion. These are intended to present facts and principles helpful in teaching subjects involving physical science.

Students completing the course satisfactorily will be given a half credit in this department.

X. Chemistry.

MR. BROWNE.

Only three courses in Chemistry are offered for the Summer Term of 1913. Beginners are not advised to try B Chemistry in the Summer Term but by taking courses I and II they may make a credit that may be applied to the Fall Term's work of the Applied Science and Art Courses.

Persons wishing more advanced work should arrange for it before the Summer Term begins.

Course I.

A course of lectures and quizes on the "Chemistry of Common Things" designed for beginners, and as an introduction to chemical study. Some of the subjects discussed will be the chemistry of the air, and of compounds derived from its elements, chemistry of water, and of solutions, the chemistry of respiration, of digestion, of decay, both organic and inorganic, of cleaning and laundrying, and of many other processes connected with agriculture, and the preparation or preservation of foods.

Half-credit will be granted those passing satisfactory examinations. One period daily. No text.

Course II.

This course furnishes training in laboratory methods, and practice, and in scientific mode of thot as applied to chemical work, and also furnishes the basis for the study of the history and development of chemical science.

Much of the work is parallel with Course I and may be taken with Course I as a credit in Chemistry I.

Two periods daily. One half-credit for satisfactory work and note-book.

Any modern text may be used.

Course III.

A course of lectures on industrial chemistry will be organized if the demand warrants. This includes the great chemical manufacturing processes, such as the preparation and purification of the metals, glass, pottery, photography, photo-engraving, etching, dyeing, printing, bleaching, sugar making, etc. The aim of the course

is to furnish information which the teacher may use to embellish her teaching.

XI. Mathematics.

MR. BOOMER, MR. FELTS, MR. BLACK.

B Geometry.—MR. BOOMER.

The work begins with similar polygons and completes plane geometry. A few days will be spent in reviewing proportion before formal entry upon the work. Well's New Plane Geometry is the text and the class will recite twice daily.

Review Arithmetic.—MR. BOOMER.

There will be two classes in Review Arithmetic each reciting one time daily. The first will review percentage and its applications. The second will take up mensuration. Those who do satisfactory work in either will receive a credit in C Arithmetic. Those who do satisfactory work in both will receive credit in B Arithmetic.

C Algebra.—MR. FELTS.

The work will cover simple equations, fractions and simultaneous equations involving fractions. Only students who have had one or more terms of work are eligible for admission. The class will recite twice daily. Well's Essentials of Algebra will be used as a text.

State Course Arithmetic.—MR. FELTS.

Two classes in arithmetic based on the work in the State Course of Study will be organized. A student may take either or both. Each will recite daily. The first will review Grades I-V inclusive, and the second, Grades VI-VIII inclusive. One half-credit in A Arithmetic will be given to those who do satisfactorily the work offered in both classes. Only those who hold a teacher's certificate, or have graduated from a high school course, or have made a B Arithmetic credit, are eligible for entrance. The revised Course of Study will be used.

Book Keeping.

MR. BLACK.

The work in Book Keeping for the Summer Term will be conducted in the same way and cover the same ground as in the other terms.

The Modern Illustrative System of Book Keeping will be used and during the six weeks the work as outlined in the introductory course of this system will be thoroughly worked out.

The first part of the work deals with the laws of debit and credit that appear in the various business transactions. The Journal-Day-book is used to make a record of the original entry. When a general knowledge of how to make the proper debits and credits is acquired the ledger, cash book, sales book, and invoice book are each introduced in proper order.

Bills, statements, invoices, checks, notes, drafts, money and representative merchandise are handled in the same manner as in actual business, thus familiarizing the student with these things as they present themselves in every day life. In fact the student is given actual book keeping work from the very outset and is made to feel at all times that his work is similar in reality and importance to that which is done in the business office.

After having completed the work as outlined for the Summer Term there will be no difficulty in teaching the work as outlined in the State Course or of fully understanding the problems that deal with accounting in the modern arithmetics.

XII. Penmanship.

MR. BLACK.

The demand made for penmanship in the preceding Summer Sessions warrants us in offering a course this year.

No one disputes the fact that this subject is either poorly taught or is entirely neglected. The work as planned for the Summer Term will develop the latest methods employed in teaching this subject.

The time has passed when one can rank with the average teachers of this subject without understanding the methods of developing letter formations, and their various combinations. The plan of how to teach this subject and what to teach all grades will be carefully worked out.

Those who are willing to work and are anxious to improve their own handwriting as well as learn how to teach the subject will find this work profitable.

Biology and Agriculture.

Zoology B.

This is a course in elementary zoölogy, such as is given during the regular school year. It is intended for beginners and for those preparing for a first grade examination. Two hours daily. One half-credit. Mr. Gilbert.

Ornithology.

The course will deal with the recognition of birds and their habits, nests, songs, food, etc. The approach will be that of agricultural nature study. One hour daily. One half-credit.

Mr. Gilbert.

Entomology.

Insects in their life histories, habits, economic importance, methods combating them and their relation to human health will form the basis for this course. One hour daily. One half-credit.

Mr. Gilbert.

Botany B.

This course will be of a grade equal to that of Zoölogy B. It will deal chiefly with the higher plants and their adaptation, etc. Two hours daily. One half-credit.

A course either in advanced Zoölogy or advanced Botany may be offered if there is sufficient demand.

Physiology.

The work in Physiology will be in the nature of a review for those who are preparing for the teachers' examination.

One hour daily. One half-credit. Mr. French.

New laboratories, well equipped are opened to all students in these courses. Provision may be made for special work of an advanced character if students so desire.

Animal Husbandry.

This course will be the work on horses which is given regularly the second year in the Agricultural course, and will include the historic development of the various breeds, production from the breeders view point, market classes and grades, judging and scoring by the use of the score card. One half-credit given.

Mr. Muckelroy.

Teacher's Course.

This course is planned for those who intend to teach Agriculture in the country schools. A seven months' course of fifty-three lessons and twenty demonstrations for the country schools will be given. These lessons are outlined for class use, suggesting the materials to be used and full directions given for the twenty experiments or demonstrations. Those who take the work are supposed to cover the general field of Agriculture in so far as it relates to the country schools.

One credit—two hours daily. MR. MUCKELROY.

Soils and Crops.

This is a course not offered in the regular work, and is planned exclusively for those students who are able to take a rapid survey of the subject matter.

The work includes a study of the physical properties of soils in relation to the growing of crops, plant food elements, systems of crop rotations as a means of maintaining the soil fertility, fertilizers, their uses and methods of applications.

One half-credit. MR. MUCKELROY

Poultry.

The work in poultry will include a study of the care, selection and management of the laying and breeding birds, incubation, brooding and feeding the little chick. Emphasis will be placed on good housing, good feeding and good breeding.

The class will meet daily and in addition three times per week in the afternoon for the purpose of studying types, breeds and varieties, judging and scoring, and preparations of birds for the show room.

One credit given, but students who care for the judging and scoring work only, may take the work in the afternoon and with the assigned readings and passing an examination on the work, one half-credit will be given. MR. MUCKELROY.

XIV. ART.

MISS SALTER AND MISS BURKET.

The Art Department offers for the Summer Term, three courses as follows:

1. B Drawing.

This includes water color as well as pencil as a medium. Work is done from nature and still life. Some principles of design are studied and application made in the decoration of simple objects made by the class.

2. Blackboard Drawing.

This is studied with special reference to illustrative drawing. Ability to draw well and rapidly on the blackboard is a power which every teacher of children covets. When teachers use this graphic language they will never fail to awaken keen interest and hold attention.

The aim is to enable the student to have command of the crayon and to give him ability to make simple drawings that will be helpful in teaching.

3. Picture Study.

This course will use the pictures in the language work of the Illinois Course of Study.

These pictures will be studied in relation to their meaning to the child, their composition and methods of presentation.

It will be the aim also, to learn something of the artists and their style of work.

If preferred a class in History of Art will be substituted for Picture Study and one half-credit in A Drawing will be given for one hour's work a day.

XV. Public School Music

MISS PARSONS.

Course 1.

This course presents the rudiments of music including terminology, symbols of notation, nine major scales, measures in common use, rhythms, syllable singing, songs, etc.

Recitation: Daily, one period, first or third.

Credit: One-half in Elementary Music.

Text: Song Reader, McLaughlin and Gilchrist.

Course 2.

Course II is designed for students who have earned one-half credit in Elementary Music during a previous Summer Term and

desire to complete the subject. The course includes a review of Course I, minor and chromatic scales in nine keys, compound measures, rhythms and rhythmic figures, sight-singing, songs, etc.

Prerequisite: Course I or equivalent.

Recitation: Daily, one period, second.

Credit: One-half in Elementary Music.

Text: Song Reader, McLaughlin and Gilchrist.

Course 3.

The Department of Music will have charge of the music classes in the Training School. Students may observe this work and if competent, may arrange for practice teaching in music. Application for observation or practice should be made to the Superintendent of the Training School.

Prerequisites: Courses I and II.

Recitation: Daily, one period, fourth.

Credit: One-half in Music Methods or one-half in Practice.

Text: Supplied.

Special.

Private instruction in piano, voice or public school music may be obtained at reasonable rates. For particulars write to the Director of Music.

XVI. Manual Training.

MR. PETERSEN.

This department offers courses for the Summer Term as follows:

1. Elementary Construction.

This course is planned to meet the demand upon teachers to be able to teach hand work in the school room. The work requires only inexpensive equipment and materials and can be taught to large classes by the "dictation method."

a. Free-hand and systematic cutting and pasting.

b. Paper folding, measuring, drawing on paper and cardboard as materials of construction, booklet and box making.

c. Cord knotting and braiding, tying of bags and hammocks.

d. Interlacing of paper, weaving and winding of raffia, yarn and rattan into useful articles.

Instruction will be given in selecting materials and inexpensive equipment for schools.

2. *Intermediate Construction.*

a. Book-binding and book-repairing.

b. Basketry—practice in making different forms of centers, weaving, patterns, borders and shapes of baskets.

c. A course in whittling and coping saw work which may be taught in the classroom.

d. Bent iron work.

Talks on equipment, planning courses, methods of presentation, and correlation of hand work with other school subjects.

3. *Benchwork.*

Tool manipulation is presented to the class by means of complete demonstrations.

Frequent discussions on the history and characteristics of materials and tools, the theory of construction, the proper method of laying out work and structural designs.

a. Bench work in wood. This course offers practice in the correct use of tools and in a systematic procedure at structural exercises.

b. Decorations, carving, stenciling, inlaying.

c. Practice in wood finishing.

d. Planning of courses in benchwork and method in conducting classes.

4. *Mechanical Drawing.*

Instruction will be given in the use of instruments, and in solving geometrical problems.

Lettering and convensions as applied to a working drawing. Orthographic projection. Isometric and oblique projection and development of surfaces. Tracing and blue-printing.

XVII. Physical Training.

MISS HOLLENBERGER.

The summer course in physical education will consist of lectures presenting the theory of Swedish gymnastics and the application of the day's order to the use of the different grades. The lectures will be supplemented by practical gymnastics, observation of model lessons given to the different grades and *practice teaching*. This course requires two periods a day, the 3rd and 4th.

Folk dancing and singing games will be offered the 5th period.

These dances and games are borrowed from the peasant folk of different nations and represent in a rhythmic way the occupations, customs, myths, and ceremonies of the people. They are enjoyed by the primary and intermediate grades because they satisfy the desire for dramatic expression and exercise at the same time.

XVIII. Household Arts.

MISS JONES AND MISS WOODY.

COOKERY—MISS JONES.

The summer work in cookery is designed for housewives and those students wishing a general and practical survey of the subject. The course will consist of typical lessons in the preparation of food showing the effect of heat, fermentation, and cold upon the composition and digestibility of foods. The work is too general in nature to take the place of any one course offered in the regular work of the department.

The cost of food, methods of marketing and the equipment of the kitchen will be discussed.

Time.—Fifth and sixth periods.

SEWING—MISS WOODY.

The regular fall term's work in sewing will be offered, if a sufficient number of students can give the required four periods. In this case full credit will be given for the first term of sewing in the Household Arts course. The work will consist of the fundamental stitches with some embroidery applied to useful household articles. The course is designed to be suggestive to teachers of sewing.

Time—3rd, 4th, 5th and 6th periods.

ADVANCED SEWING.

The use of commercial patterns, the study of their lines, and methods of altering, all of which is applied in the making of undergarments.

Time—5th and 6th periods to a limited number.

PROGRAM FOR HOUSEHOLD ARTS.

Periods		
3	Sewing	
4	Sewing	
5	Sewing	Cookery
6	Sewing	Cookery

XIX. Library

MISS WILSON AND MISS DAY.

The library, which will be open for use during the school sessions, contains the standard reference works, a large amount of literature to supplement the daily class room work, and much cultural literature. Leading periodicals of the day are furnished by the library for the use of the student body, and many local papers from nearby towns are received. Should the demand warrant—a class in library science will be organized.

Summer Session

	Office		7-8	18	15	17
Time	Parkinson		French	Salter	Smith	Shryock and Ellis
1. 7:00					B Hist.	C Lit.
2. 7:50	Psychol.		Grounds			Elocution
3. 8:40			Grounds	B Drawing	Ill. Hist. and Civ.	
4. 9:30			Museum	Black B'd Drawing	B Hist.	C Lit.
10:20	ASSEMBLY HOUR					
5. 10:40	Psychol.			Picture Study	Rev. History	Elocution
6. 11:30			Rev. Physiol.	B Drawing		

Program, 1913.

37, 38, 39	14	24	21	33-34	6—Gym.	
Davis	Colyer	Pierce	Felts	Browne	Hollenberger	Time
C Physics	B Geog.		S. C. Arith.	Chem. 1		7:00 1.
Labor'y	A Geog.	L German	C Alg.	Chem. 2		7:50 2.
Lectures		L French			Theory of Phys. Tr.	8:40 3.
Labor'y	B Geog.		S. C. Arith.	Lectures	Meth. of Phys. Tr.	9:30 4.
ASSEMBLY HOUR						10:20
Rev. Physics	A Geog.	L German	C Alg.	Chem. 2	Folk Dancing	10:40 5.
Labor'y		L French				11:30 6.

PROGRAM—*Continued.*

		26—Gym.	6	12	9	37	25
	Time	Black	Bryden	Wham	Parsons	Petersen	Burket
1	7:00	Book Keeping	B Gram.		Music Course I.-(B)	El. Const.	
2.	7:50	Book Keeping	Rev. Gram.	School Manag't	Course II.-(A)	Mech'l. Dr.	B'd Draw.
3.	8:40	Penmanship	Rev. Geog.	Prin. of Teaching	I.-(B)	Intermediate Const'n work	B'd Draw.
4.	9:30		B Gram.		Course III.	El. Const.	
	10:20	ASSEMBLY HOUR					
5.	10:40	Pen. Grades		School Manag't		Bench Work	B'd Draw.
6.	11:30			Prin. of Teaching			B'd Draw.

PROGRAM—*Continued.*

1–2	30–31	20	32	3	24	
Jones	Gilbert	Boomer	Muckelroy	Woody	Bowyer	Time
	Ornithol.	Rev. Arith.	An. Husb.			7:00 1.
	Zool.	B Geom.			J Lat.	7:50 2.
	Zool.		Teachers' C.	Sewing	English	8:40 3.
	Botany	Rev. Arith.	Lab. T. C.	Sewing	L Lat.	9:30 4.
			ASSEMBLY HOUR			10:20
Cookery		B Geom.	Soils and Crops	Sewing		10:40 5.
Cookery			Poultry	Sewing	J Lat.	11:30 6.

CALENDAR

1913

Winter Term	Opens	January 1
	Closes	March 13
Spring Term	Opens	March 18
	Closes	June 4
Commencement Week		June 1—4
Summer Term	Opens	June 9
	Closes	July 18
Fall Term	Opens	September 9
	Closes	December 18

1914

Winter Term	Opens	January 1
	Closes	March 12
Spring Term	Opens	March 17
	Closes	June 3
Commencement Week		May 31—June 3
Summer Term	Opens	June 8
	Closes	July 17
Fall Term	Opens	September 15
	Closes	December 24

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THE NORMAL SCHOOL BULLETIN

Vol. VIII. *No. 1*

JANUARY, 1914

FEB 1 1917

SUMMER SESSION ANNOUNCEMENTS

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JANUARY, APRIL, JULY, OCTOBER.

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Southern Illinois State Normal University

Summer Session Announcements

for

1914

June 8 to July 17

Published by the Southern Illinois State Normal University, January, April, July, and October.

Entered as second class mail matter at the Post office at Carbondale, Illinois, under the Act of Congress of July 16, 1894

DANIEL BALDWIN PARKINSON, Ph.D.,

President Emeritus

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ASSISTANT DEPARTMENT OF MATHEMATICS.

FLOYD A. POWERS,
VOICE, THEORY AND PUBLIC SCHOOL MUSIC.

LOUIS C. PETERSEN, B. S.,
DEPARTMENT OF MANUAL TRAINING

GRACE L. BURKET,
ASSISTANT IN ART

GRACE E. JONES,
HOUSEHOLD ARTS.

FLORENCE R. KING,
PRINCIPAL OF PRIMARY.

ELIZABETH K. WILSON,
CRITIC TEACHER 7TH AND 8TH GRADES.

JOHN P. GILBERT, A. M.,
DEPARTMENT OF BIOLOGY

SIMEON E. BOOMER, A. M.,
DEPARTMENT OF PHYSICS.

RENZO MUCKELROY,
DEPARTMENT OF AGRICULTURE.

LUCY K. WOODY,
ASSISTANT IN HOUSEHOLD ARTS.

LYDIA G. PARSONS,
ASSISTANT IN MUSIC.

EMMA L. BOWYER, A. B.,
ASSISTANT IN LANGUAGES.

FADRA R. HOLMES,
CRITIC TEACHER 5TH AND 6TH GRADES.

MARY B. DAY, PH. B.,
LIBRARIAN.

ALICE PARKINSON,
ASSISTANT PRIMARY.

JULIA DICKERMAN CHASTAINE
VIOLIN.

W. A. FURR, A. M.,
SUPERINTENDENT TRAINING SCHOOL.

F. G. WARREN, A. B.,
PRINCIPAL HIGH SCHOOL.

WARD TAYLOR, A. M.,
ASSISTANT IN MATHEMATICS.

H. B. PIPER, B. S.,
ASSISTANT IN AGRICULTURE.

ANNE McOMBER, A. B.,
ASSISTANT COMMERCIAL DEPARTMENT.

WILLIAM McANDREW,
ATHLETICS AND PHYSICAL TRAINING, BOYS.

RAYMOND MOORE,
CORNET.

ISABEL CLEGG,

ASSISTANT IN BIOLOGICAL SCIENCES.

MYRTLE R. COKER, A. B.,

HIGH SCHOOL INSTRUCTOR, FIRST AND SECOND YEARS.

FANNY E. PUTCAMP, A. B.,

HIGH SCHOOL INSTRUCTOR, FIRST AND SECOND YEARS.

CHARLES R. ISMERT,

STENOGRAPHY AND TYPEWRITING.

LILY GUBLEMAN, PH. B.,

ASSOCIATE IN ENGLISH GRAMMAR

JENNIE E. MITCHELL, A. B.,

ASSISTANT IN ENGLISH

KATE W. YOUNGBLOOD,

SECRETARY TO THE PRESIDENT.

SPECIAL TEACHERS EMPLOYED FOR SUMMER SESSION

SAMUEL ERNEST HARWOOD, A. M.,

PEDAGOGY

ESTHER WHITE,

PRINCIPAL OF PRIMARY

ELIZABETH STEWART

TEACHER IN PRIMARY

GENERAL INFORMATION

The twenty-seventh summer session opens Monday, June 8, 1914, and closes July 17. Last year the enrollment reached 480. All of the indications point to a still larger attendance for the coming session.

A teacher of Dramatic Art has been employed; she will have charge of the elocution and the allied lines of work. A dramatic club will be organized at the beginning of the term, and on some date within the last week of the term a play will be given in Normal Hall.

A special teacher will be assigned to the seventh grade arithmetic. His entire time will be devoted to the subject of percentage as outlined in the State Course. Another special teacher will give all of her time to the seventh grade grammar work as outlined in the State Course.

Board and lodging for the young ladies in Anthony Hall will be furnished for the summer term at $4.50 per week. Board may be had at clubs or in private homes at a still lower rate. If accommodations in Anthony Hall are desired application should be made in advance; a blank form is found on the last page of this bulletin.

The Ben Greet Players have been secured for the afternoon and evening of June 25. This is the first opportunity that the people of Southern Illinois have ever had to hear this really great Shakespearean actor with his Woodland Players.

AGRICULTURE.

MR. PIPER

Animal Studies.

This course consists of an elementary study of the different

types and breeds of live stock. The historic development of each class together with the characteristics of the different types and breeds, market classes and grades, care and management, feeds and feeding.

Some attention will be given to the score card in order to give the student a fair conception of the points which go to make up a good animal.

Poultry Husbandry.

The work in poultry will consist of the historic development of the various types and varieties in relation to their native home and breeding, that the foundations of good poultry practice by true scientific methods be followed. Basis and beginning the business, principles and practice of breeding, incubators and incubation brooding, growing chicks, feed and feeding, parasites and disease, housing and fencing, marketing exhibitions, scoring and judging and general methods of management will constitute a large portion of the work.

Soil Studies.

This course will deal with the fundamentals of soil formation, agencies of soil formation, classification of soils, soil water, elements of plant food and the maintenance of soil fertility.

A portion of the time will be allotted to laboratory exercises.

ART.

MISS ———— AND MISS BURKET

The Art Department offers for the summer term, four courses:

1. *Blackboard Drawing.* (Art 3)

This is studied with special reference to illustrative drawing. Ability to draw well and rapidly on the blackboard is a power which every teacher of children covets. When teachers use this graphic language they will never fail to awaken keen interest and hold attention.

The aim is to enable the student to have command of the crayon and to give him ability to make simple drawings that will be helpful in teaching.

2. *Elementary Design.* (Art 6)

The demand for industrial education makes a study of design imperative.

This course includes a study of the principles of design; balance, harmony, rhythm; and of terms; tone, measure and shape. By problems the student is led to a practical application of these terms and principles. Design is considered in its relation to manual training, commercial life and art in the home.

3. *Clay Modeling.* (Art 9)

Clay modeling is recognized as excellent finger training. It stimulates accurate observation and develops the artistic sense. It assists the child to comprehend true ideas of form and enables him to express these ideas in material form.

This course includes making of the type forms, and objects based on them, simple animal forms, modeling from plaster casts, tiles and hand built pottery.

A kiln for the firing of pottery has been added to the equipment of the Art Department, and instruction will be given in glazing and firing the pottery.

4. *Water Color.* (Art. 2)

Study of the theory of color, taking up the primary, binary, standard or prismatic colors, complementary and broken colors, their use and application in producing harmonious color combinations. Work done from nature and still life.

Biology.

MR. GILBERT AND MR. ————————.

Course 1. Zoölogy. This is a course in general zoölogy offered for students who wish to make regular credit and for teachers who wish to prepare for examination. Laboratory and field work are emphasized. Three periods daily. One credit.

MR. GILBERT.

Course 21. Botany. A general survey of higher plants will be made. The course is for students who desire to make credit, and

for teachers preparing for examination. Laboratory and field work daily. Three periods daily. One credit.

MR. ————————

Course 5. Ornithology. This is a nature study course for teachers who desire to present the subject in the grades. It is also a valuable cultural subject. Field trips for observation are made regularly. The department has a supply of field glasses for the use of students, but all possessing these instruments should bring them along for use in case the class is unexpectedly large.

MR. GILBERT.

Course 4. Physiology. This course is for students who wish to cover the general principles of anatomy, physiology and hygiene. MR. ————————

Should a sufficient number of students desire Entomology, Agriculture, or Advanced Zoölogy or Botany, arrangements can be made for such work.

CHEMISTRY.

MR. BROWNE.

Chemistry 1. A beginner's course in the chemistry of common things. Some of the topics are the chemistry of air, water, respiration, combustion, digestion, solution, and decay. The laboratory work is parallel with the recitation. One period of recitation and two periods of laboratory work daily. Text, McPherson and Henderson's General Chemistry.

Advanced Chemistry. Persons wishing work in advanced chemistry, qualitative or quantitative analysis; chemistry of foods; or mineralogy, should arrange for such work before the summer term opens.

COMMERCIAL SUBJECTS.

MR. BLACK AND MISS McOMBER.

Business Arithmetic. (Course 5)

Text: Moore and Miner's Commercial Arithmetic.
Time: One period daily. ½ credit.
This course is offered for those who desire a knowledge of the

methods employed by the business man in dealing with applied knowledge of Arithmetic.

The short cut methods employed in the solving of practical problems, rapid calculations in dealing with the fundamentals, checking and proving results, and reviewing the principles and formulae of the text in general, constitute the work in this course.

Prerequisite: A *good* knowledge of denominate numbers, applications of percentage and mensuration.

Bookkeeping. (Course 9)

BEGINNING

Text: Modern Illustrative.
Time: Two periods daily. One credit.

The work in Bookkeeping for the Summer Term will be conducted in the same way and cover the same ground as in the other terms.

The Modern Illustrative System of Bookkeeping will be used; and during the six weeks the work as outlined in the introductory course of this system will be thoroughly worked out.

The first part of the work deals with the laws of debit and credit that appear in the various business transactions. The Journal-Day-Book is used to make a record of the original entry. When a general knowledge of how to make the proper debits and credits is acquired the ledger, cash book, sales book, and invoice book are each introduced in proper order.

Bills, statements, invoices, checks, notes, drafts, money and representative merchandise are handled in the same manner as in actual business, thus familiarizing the student with these things as they present themselves in every day life. In fact the student is given actual bookkeeping work from the very outset and is made to feel at all times that his work is similar in reality and importance to that which is done in the business office.

After having completed the work as outlined for the Summer Term there will be no difficulty in teaching the work as outlined in the State Course or of fully understanding the problems that deal with accounting in the modern arithmetics.

Penmanship. (Course 1.)

Time: One period daily. ½ credit.

Compendium: Palmer's Method.

The demand for penmanship in the preceding Summer Sessions warrants us in offering a course this year.

No one disputes the fact that this subject is either poorly taught or is entirely neglected. The work as planned for the Summer Term will develop the latest methods employed in teaching this subject.

The time has passed when one can rank with the average teachers of this subject without understanding the methods of developing letter formations, and their various combinations. The plan of how to teach this subject and what to teach all grades will be carefully worked out.

Those who are willing to work and are anxious to improve their own handwriting as well as learn how to teach the subject will find this work profitable.

SHORTHAND AND TYPEWRITING.

The primary aim of this course is the preparation of students to become teachers of these subjects. Instruction will also be given for those desiring to engage in office or secretarial work.

Shorthand. (Courses 17 and 20)

Text: Gregg Shorthand Manual.

Time: Two periods daily. One credit.

Beginning course-consonants, vowels, diphthongs; principles governing formation of outlines; word signs; simple phrases; simple business letters; supplementary reading.

TYPEWRITING. (Courses 23 and 26)

Underwood machine. Touch system.

Text: Rational Typewriting. Cutler and Sorelle.

Time: Two periods daily. ½ credit.

23 C—Beginning course; keyboard; accuracy and uniformity of touch; fingering; alphabetic sentences.

24 C—Continuation of 23 C; business letters; making carbon

copies; copying from rough draft; legal forms; stencils; duplicator; tabulator.

English Grammar.

MISS BUCK AND MISS GUBLEMAN.

Two regular classes in Grammar will be offered; each class will recite two periods daily. In addition to these regular classes a review class in grammar will be organized, reciting once daily, for those who want a review of grammar but do not care for a credit on our records.

(Course 3) The A class is our third year work. Language and grammar methods for the eight grades will be the topic for one period. Subordinate connectives, abridgment and idioms will be studied in the other period.

(Course 2) The B class will study the verb, its forms, properties, and constructions; the forms of sentences; the rules for syntax and punctuation; and the relations in which a subordinate clause may be used.

Geography.

MR. COLYER.

Review Geography. (Course 2)

One hour per day. This course is intended for all those who may wish to review the common branches preparatory to teaching next year. Since the seventh year geography is to be studied during the school year 1914-15, the plan is to spend the entire term in the study of South America and Europe. Special attention will be given to fundamental principles involved and their application to the proper interpretation of the continents studied.

B Geography. (Course 3)

Two hours per day. This course is intended for those who may wish to make a more thorough study of South America and Europe. Fundamental principles will be discussed and their application to modern geography shown. Library work will afford opportunity for drill in finding supplementary material and ac-

quainting students with good reference works. For satisfactory work full credit will be given as in other terms.

A Geography. (Course 4)

Two hours per day. The plan of this course is to discuss: (1) The nature and scope of geography; (2) The method of teaching the subject in the various grades of the common schools; (3) To take such "field trips" and "industrial excursions" as are necessary to understand the nature and purpose of the work. For satisfactory work full credit will be given.

History.

MR. SMITH.

Course 13. This is a course in English History, and may be taken by third or fourth year students, or by teachers who have had considerable experience in teaching. The class will recite twice daily and full credit will be given. Lectures will be given—one each week—during the term upon subjects connected with the life of the English people. The text will be Cheyney's A Short History of England.

Course 6. The work in this course is intended to meet the needs of teachers who desire better to fit themselves for teaching United States History; and at the same time full credit will be given upon the records for satisfactory work. The class will recite twice each day and a limited amount of library work will be required.

Course 4. A course will be offered in Illinois History. The class will meet but once each day, but the course will prepare those who take it for the examination for certificates. The approaching celebration of the one hundredth anniversary of the admission of Illinois into the Union will add interest to the work in this course.

Household Arts.

MISS JONES AND MISS WOODY.

Cookery and Foods, Miss Jones. The summer work in cookery is designed for housewives and those students wishing a general

and practical survey of the subject. The work will consist of typical lessons in the preparation of food, showing effect of heat, fermentation, and cold upon the composition and digestibility of foods. In connection with the cookery special emphasis is placed on the cost of food, methods of buying, efficiency in method of work, and upon quantitative food values.

Two classes will be formed, one for those beginning the work, and a more advanced section for those students having had the work the previous summer. Mature students may register for both sections.

The work is too general in nature to take the place of any one course offered in the regular school year.

Time: Advanced Section II, second and third periods. Section I, fourth and fifth hours.

Household Arts I

Sewing and Textiles—Miss Woody. The regular fall term's work in sewing will be offered if a sufficient number of students can give the required four periods. In this case full credit will be given for the first term of sewing in the Household Arts course.

The work will consist of the fundamental stitches with some embroidery applied to useful household articles, together with a study of textiles. The course is designed to be suggestive to teachers of sewing.

Time: Fourth, fifth, sixth, seventh periods.

Household Arts II.

Sewing and Textiles—Miss Woody. (Courses 1 and 2) In this course will be given the use of commercial patterns, the study of their lines and methods of altering, applied in the making of undergarments.

Time: Sixth and seventh periods.

LATIN AND GERMAN.

MR. ALLEN AND MISS BOWYER.

J Latin. (Course 3) This is the work of the third term of the first year of Latin. The last lessons of the first year book will be

taken, and the remaining time will be given to reading from Ritchie's Fabulae Faciles. Two hours per day.

J German. (Course 3) This class is intended primarily for those students who began German in the winter term, and wish to complete a year's work before the beginning of the next school year. Bacon's German Grammar and Bacon's Im Vaterland are the texts. Two hours per day.

Literature and Reading.

MR. SHRYOCK, MISS BRYDEN AND MISS MITCHELL.

1. *Literature C.*

Texts.—Translations from Old English Prose, Cook & Tinker. Translations from Old English Poetry, Cook & Tinker. Studies in English Literature, Swinton. Johnson's History of English and American Literature. All of these are furnished by the school except the Swinton.

3. *Elocution.*

Text.—Cumnock's Choice Readings. Two hours per day.

Manual Training.

MR. PETERSEN.

This department offers courses for the Summer Term as follows:

1. *Elementary Construction.* (Course 1)

This course is planned to meet the demand upon teachers to be able to teach hand work in the school room. The work requires only inexpensive equipment and materials and can be taught to large classes by the "dictation method."

a. Free-hand and systematic cutting and pasting.

b. Paper folding, measuring, drawing on paper and cardboard as materials of construction, booklet and box making.

c. Cord knotting and braiding, tying of bags and hammocks.

d. Interlacing of paper, weaving and winding of raffia, yarn and rattan into useful articles.

e. Book-binding and book-repairing.

f. Basketry—practice in making different forms of centers, weaving, patterns, borders and shapes of baskets.

Talks on equipment, planning courses, methods of presentation, and correlation of hand work with other school subjects.

Instruction will be given in selecting materials and inexpensive equipment for schools.

2. *Wood Work* (Course 2)

Tool manipulation is presented to the class by means of complete demonstrations.

Frequent discussions on the history and characteristics of materials and tools, the theory of construction, the proper method of laying out work and constructive designs.

a. Bench work in wood. This course offers practice in the correct use of tools and in a systematic procedure at constructive exercises.

b. Decorations, carving, stenciling, inlaying.

c. Practice in wood finishing.

d. Planning of courses in benchwork and method in conducting classes.

3. *Machine Shop Practice* (Course 9)

The equipment for the purpose of giving students a practical training in machine work and toolmaking has recently been extended by addition of some valuable machines and tools. With these improved facilities this course offers exceptional opportunities for the study of metals, alloys, machine design, construction and operation. The exercises are as follows: chipping, filing, sawing, drilling, thread cutting with taps and dies, fitting, polishing, toolmaking, center work, drive on centers, setting tools, face ends to length, turn to size, caliper accurately, cutting speeds, roughing and finishing cuts, taper work, faceplate work, screw cutting, chuck work, assembling of machine parts.

During the past year the students have built several complete gasoline engines and other machines. The installation of the new machinery has been done entirely by the students. The work provides a practical training in modern machine methods.

Machine manufacturing, shop management and organization will be studied and discussed.

This course is for advanced students.

4. *Mechanical Drawing.* (Course 11)

Instruction will be given in the use of instruments, and in solving geometrical problems.

Lettering and convensions as applied to a working drawing. Orthographic projection. Isometric and oblique projection and development of surfaces. Tracing and blue-printing.

Mathematics.

MR. FELTS AND MR. TAYLOR

In offering work in the Department of Mathematics for the Summer Session, 1914, the needs of three classes of students are in mind: (1) those who are teaching most of the school year but who feel the immediate need of review of the facts and processes of arithmetic, the interpretation of the arithmetic work of the State Course of Study, some work in the simple elements of algebra or geometry to handle those features of seventh and eighth grade arithmetic, or who want some work in the pedagogy of arithmetic; (2) those students who are teaching most of the year, but who wish to make some positive advance each Summer Session towards graduation; (3) those students in regular attendance who for any cause have become irregular in their mathematics and need the opportunities of the Summer Session to get these classes.

Arithmetic.

Mathematics 10_1. A review of the facts and principles of percentage and its applications, together with such previous topics as are necessary for a clear understanding of percentage. The class will recite once daily, Room 23, 6th period, Mr. Taylor.

Mathematics 10_2. A review of the facts and processes of mensuration and allied topics such as metric system, specific gravity, etc. The class meets once daily, Room 23, Mr. Taylor.

Mathematics 30_1. Interpretation of the arithmetic of the State Course of Study. Class meets once daily, Room 21, 3d period, Mr. Felts.

Mathematics 30_2. A course in the pedagogy of arithmetic in the elementary school. Suzzalo's Teaching of Primary Arithmetic will be used as a text. Class meets once daily, Room 21, 5th period, Mr. Felts.

Algebra.

Mathematics 3_1. A course of six weeks in the elements of algebra will be offered primarily for teachers who have never studied algebra and who feel the need of a little knowledge of the subject to handle the algebraic features of seventh and eighth grade work in arithmetic. The elementary processes involving literal integers and fractions, the x-equation, and the application of the x-equation to arithmetic work in percentage will constitute the work. Hereafter, this course will be a prerequisite for Math. 14 heretofore known as Alg. D, Normal Course, and to Math 11, heretofore known as Alg. C, Arts and Science Course.

Mathematics 16. Normal Algebra, heretofore known as B Alg. will be offered two periods a day, first and fourth, for students working for graduation. Room 21, Mr. Felts.

Geometry.

Mathematics 3. Introductory course of six weeks, one recitation daily for teachers who feel the need of some geometry to handle the arithmetic work of the 8th grade. Hereafter this course will be a prerequisite for Math. 20 heretofore known as C Geometry.

Mathematics 22. This course, heretofore known as A Geom., will be offered two periods daily, for students working towards graduation. Room 23, third and fifth periods, Mr. Taylor.

Credits.

Completion of either Math. 10_1 or Math. 10_2 entitles the student to ½ credit in what has heretofore been known as B Arith. Completion of both entitles the student to full credit in Math. 10 (B Arith.).

Completion of either Math. 30_1 or 30_2 entitles the student to ½ credit in Math. 30 (A Arith.) and satisfactory work in both entitles to full credit.

Math. 3_1 and 3_2 will be required after this as prerequisites for Math. 14 and Math. 11, and Math. 20.

Satisfactory completion of Math. 16, two periods daily entitles to full credit (B Alg.), while satisfactory completion of Math. 22, two periods daily, entitles to full credit (A Geom.)

DEPARTMENT OF MUSIC

Public School Music.

MR. POWERS AND MISS PARSONS

Course II B. This course presents the rudiments of music including terminology, symbols of notation, major scales, measures, rhythmic patterns, sight singing, etc., the work of the first half of the term in Music II, (Elementary Music), of the regular courses.

Recitation: One period, daily; two divisions of class.

Credit: One-half credit in Music II.

Course II A. This course covers work of the second half of the term in Music II, (Elementary Music), and is designed for those who have earned one-half credit in Music II during a previous Summer Term, and desire to complete the subject. The course includes a review of Music II B, minor and chromatic scales, compound measures, rhythmic patterns, sight singing and song analysis.

Prerequisite: Course II B or equivalent.

Recitation: One period, daily.

Credit: One-half credit in Music II.

Course III B. In this course the subject matter for the first half of Music III, (Advanced Music and Music Methods), is presented, including the theory of key relationship and common chords, and a systematic study of the material for the first six grades with methods for its presentation. Special emphasis is placed upon rote songs, song interpretation and the child voice concerning its nature, care and training.

Prerequisite: Music II.

Recitation: One period, daily.

Credit: One-half credit in Music III.

Course III A. Music in the Training School will be taught by

Mr. Powers or Miss Parsons. By permission from the department of music, students may observe the work in these classes; if credit for observation is desired, students are required to do library work in musical history, biography and special topics.

Prerequisite: Music II.

Recitation: One period, daily.

Credit: One-half credit in Music III.

Instrumental Music.

MR. MOORE AND MRS. CHASTAINE.

Courses XXI-XXIX. The University is making the experiment of class instruction in band and orchestral instruments and is prepared to offer free instruction in violin and brass wind instruments to a limited number of students. Beginners in these classes are requested to take Music II B as a parallel course.

Recitation: Two periods per week.

Band and Orchestra.

A band or orchestra will be organized if a sufficient number of competent players enroll. Students who play band or orchestral instruments are requested to bring their instruments and apply for membership in these organizations.

Special.

Private instruction in voice, piano, violin, cornet, etc., may be obtained outside the University. The department will gladly aid students in the selection of competent teachers.

MR. MOORE AND MRS. CHASTAINE:

Program to be arranged to accomodate applicants.

Physical Education.

MISS HOLLENBERGER AND MR. McANDREW.

1. Theory of Physical Education. This course is the same that is offered during the winter term of the junior year. It consists of lectures, presenting a brief history, the theory of Swedish gymnastics and the application of the day's or-

der to the different grades, a consideration of the different systems, the organization of athletic teams, the administration of meets, playground games and the ethics of competition. The lectures will be supplemented by required reading, illustrative practical gymnastics, observation of model lessons given to the different grades and practice teaching.

The course is planned to meet the need of teachers of all grades and is especially recommended to superintendents and principals who are interested in the establishment of physical education in their schools.

Two hours a day required, 3d and 4th, and full credit is given.

2. Folk Dancing and Singing Games. This class is open to any primary and intermediate teachers who wish such work for use in school rooms or entertainments. One-half credit is given for the full course but it is the aim to make each day's work complete in itself so that students not working for credit may enter at any time. Class meets 5th period.

The dances and games taught are largely borrowed from the peasant folk of different nations and represent in a rhythmic way the occupations, customs, myths and ceremonies of the people. They satisfy the desire for dramatic expression and exercise at the same time and their wide use in the lower grades of the schools throughout the country is their best recommendation.

3. Athletics. Special help in coaching basketball, football or baseball may be arranged for by applying to Mr. McAndrew.

Physics.

MR. BOOMER.

1. This course is planned for those who have never studied physics. It deals very largely in a quantitative manner with the common phenomena of everyday life. It intends to develop the habit of observation and intelligent interpretation of these phenomena, to make for efficiency in the nature study work of the common schools, and to prepare for those sciences which precede the more advanced courses in physics. Those who desire to take examinations in physics for certificates will receive much help from this course.

Many demonstrations and about twenty-five simple laboratory

exercises with a well kept note book constitute the experimental work. Three hours daily.

Text: Mann and Twiss.

2. Mechanics and Heat. Open to those who have had the equivalent of Course 1 and sufficient algebra to deal with simple equations. Three hours daily.

Text: Millikan and Gale, Revised. Laboratory manual by same authors.

Psychology and Pedagogy.

MR. WHAM, MR. HARWOOD AND MISS WILSON.

School Management.

This course aims to meet the requirements of the new certification law as to its demand for the principles and methods of the State Course of Study.

Bagley's Class Room Management and the State Course of Study will be used as texts.

Two recitations daily. Credit in C Pedagogy on completion of the work.

Principles of Teaching.

The various principles that underlie effective teaching are discussed, illustrated by concrete exercises and problems, and then exemplified in illustrative lessons taught by the teachers of the training school.

Two recitations daily. Colvin & Bagley's Human Behavior, or its equivalent, is the text. Assigned readings in James' Talks to Teachers, and Bagley's Educative Process, furnished by the school.

Psychology.

This course attempts to equip the student with an organized knowledge of the phenomena and laws of mental life. It aims also to train the student in the art of introspection in the study of his own mental processes, and thus to increase his power to discern and control the mental processes of others.

It is obvious that such insight and training are valuable not only to the teacher, but to any one who seeks to understand and influence people in any capacity.

Titchener's Primer of Psychology, or its equivalent, will be used as text. Two recitations daily.

The Training School.

Mr. Furr, Superintendent.
Miss Esther White, Supervisor of Primary Department.
Miss Parkinson, Assistant Primary Department.
Miss Elizabeth Stewart, Assistant Primary Department.
Miss Holmes, Training Teacher Intermediate Department.

Observation Work.

The work of The Training School is now organized on the basis of a six-year elementary school, and a six-year secondary school. The elementary school is divided into two units—the first three years constituting the primary and the second three years the intermediate departments.

A special effort will be made to give opportunity for *observation* and *plan writing* under the direction of the regular Critic Teachers. The regular work of the school will be given to pupils in grades *two* and *three*, illustrating primary methods, and in grade *five*, illustrating intermediate methods.

Course 1. Primary Methods. A course in Observation and Primary Methods, including plan making, will be offered. The work will be based on class work. Especial attention will be given to reading, phonics, language and history. Construction work and drawing will be suggested in connection with the above work. Two periods of this work will be given daily. One credit will be given for full work.

Miss Parkinson, *Assistant.*

Course 2. Intermediate Methods. The work in this course will stress reading, phonics, language, and history. An attempt will be made to show in each case the essential nature and function of these subjects and the methods to be pursued in the intermediate department. Two hours daily will be given to this work. A full credit will be given. Miss Holmes.

Program of Training School.

SUMMER SESSION 1914.

Period	Mr. Furr	Miss White	Miss Parkinson	Miss Stewart	Miss Holmes	Mr. Powers	Miss Hollenberger
7:30							
8:15	Supervision	Obser. I	Obser. I	Obser I	Obser. II		
9:00						Pub. Sch. Music	Pub. Sch. Ph. Train.
Chapel							
10:15	Supervision	Supervision	Obser. I	Obser. I	Obser. II		
11:00		Discussion			Discussion		

The Library.

MISS DAY.

The Wheeler Library possesses a working library of some 25,000 books and 800 pamphlets. It is classified according to the Dewey decimal classification. There is a dictionary card catalogue with full analytical cards (author, title, subject, etc.). The books have been selected with reference to the needs of the various departments. They comprise standard works in literature, travel, history, science, philosophy, pedagogy and art, and general works of reference, including dictionaries, encyclopedias, year books, atlases and books of quotations. All periodical literature, that has permanent value, is bound and made accessible by Poole's index, the reader's guide, etc. The library subscribes to over a hundred of the best current periodicals, and receives daily many newspapers from surrounding towns and counties. The library contains much bibliographical material on children's literature, many beautifully illustrated books for children by well known illustrators, lists of children's books, etc. Many of the government's reports are catalogued, such as the U. S. Department of Agriculture, Farmers' Bulletins, U. S. Commissioner of Education, etc.

The library is open daily during school hours, and on Saturday mornings.

Program of Recitations

	Time	24 Shryock	11 Buck	18 Salter	18 Burket	15 Smith	17 Allen Bowyer
1.	7:30	C Lit.	Rev. Gram	B'd Dr. 3		B Hist. 6	J Ger. 3
2.	8:15	Elocu.	B Gram, 2	B'd Dr. 3	Des. 6	Eng Hist. 13	J Lat. 3
3.	9:00		A Gram.3	B'd Dr 3	Des. 6	Ill. Hist. 4	
	9:45	ASSEMBLY HOUR					
4.	10:15	C Lit.	A Gram. 3	W. Col. 2	Clay M. 9	B Hist. 6	J Ger. 3
5.	11:00	Elocu.	B Gram. 2	B'd Dr. 3	Clay M. 9	Eng. Hist. 13	J Lat. 3
	11:45	NOON INTERMISSION					
6.	1:15						
7	2:00						
8.	2:45						

Program--Continued

	Time	14 Colyer	21 Felts Steagall	23 Taylor Steagall	33 Browne	6 Gym. Hollenberger	26 Black
1.	7:30	A Geog. 4	B Alg. 16	El. Geom. 4	Chem. 1		Bk. Kp. 9
2.	8:15	Rev. Geog. 2	A Arith. 30				Bk. Kp. 9
3.	9:00	B Geog. 3	Alg. 3	A Geom. 22		Theory	Bus. Arith. 5
	9:45	ASSEMBLY HOUR					
4	10:15	A Geog. 4	B Alg. 16	B Arith. 10	Lab. 1	Theory	Pen'sh'p 1
5.	11:00	B Geog. 3	A Arith. 30	A Geom. 22	Lab. 1	Folk D	
	11:45	NOON INTERMISSION					
6.	1:15			B Arith. 10			
7.	2:00						
8.	2:45						

Program--Continued

	Time	30-31 Gilbert	37-39 Boomer	32 Piper	5 Chastaine*	Sci. Bldg Moore*	
.	7:30	Zool.					
.	8:15	Zool. 1	Physics 2	An. Stu.			
3.	9:00	Zool. 1	Physics 1	An. Stu.			
	9:15	ASSEMBLY HOUR					
4.	10:15	Ornith 5	Lab. 1-2	Poultry			Physiol. 4
5.	11:00	Ornith 5	Lab. 1-2	Poultry			Physiol. 4
	11:45	NOON INTERMISSION					
6.	1:15			Soil Stu.			Botany 21
7.	2:00			Soil Stu.			Botany 21
8.	2:45						Botany 21

* A class in violin and one in cornet will be organized if there is a sufficient demand for them. The hour for each will be arranged to suit the pupils enrolled

Program--Continued

	Time	25 McOmber	12 Wham	9 Powers	37 Petersen	1-2 Jones	3 Woody
1	7:30		Prin. T.	Mus. II B			Sewing 2
2	8:15		S. C. Ped.	Mus II. A		Adv. C.	Sewing 2
3	9:00		Psychol.	Mus. III. A	Mech. Dr. 11	Adv. C.	
	9:45	ASSEMBLY HOUR					
4	10:15	Steno 17	S. C. Ped	Mus. III. B	El. Const. 1	Cookery	
5	11:00	Steno, 20	Prin. T.	Mus. II. B	El Const. 1	Cookery	
	11:45	NOON INTERMISSION					
6	1:15	Typwr. 23	Psychol.		Wd. Work 2		Sewing 1-2
7	2:00	Typwr. 26			Wd. Work 2		Sewing 1-2
8	2:45				M. Shop 9		

CALENDAR

1914

Winter Term	Opens	January 6
	Closes	March 19
Spring Term	Opens	March 24
	Closes	June 3
Commencement Week		May 31-June 3
Summer Term	Opens	June 8
	Closes	July 17
Fall Term	Opens	September 15
	Closes	December 24

SOUTHERN ILLINOIS STATE NORMAL UNIVERSITY

H. W. SHRYOCK, President,

Carbondale, Ill.

DEAR SIR:

I hereby make application for room and board in the Woman's Dormitory for the.....term, 191....

Very truly,

.....

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1916.

UNIVERSITY OF ILLINOIS LIBRARY
APR 14 1916

BULLETIN

THE LIBRARY OF THE UNIVERSITY OF ILLINOIS

of

The Southern Illinois State Normal University

Carbondale, March 1, 1916

Spring Term Opens	Mid-Spring Term Opens	Summer Session Opens
March 21	May 1	June 12

By entering March 21, and remaining until the close of the summer session, a student may earn a half year of credits. By entering mid-spring term, May 1, and remaining until the close of the summer session, he may make four full term credits. By entering June 12, he may secure two and one-half term credits.

The following pages contain the syllabi of the various courses offered for the mid-spring term and summer session. Other classes will be organized if there is a sufficient demand to warrant us in doing so.

To secure rooms in Anthony Hall, write to the Registrar, Dr. C. E. Allen; to secure rooms and board in private boarding houses, write to Prof. George W. Smith, chairman, faculty committee on boarding places. For catalogue, bulletins, or other information, address the President, H. W. Shryock, Carbondale, Illinois.

ENGLISH

Reading, Elocution and English Literature.

HENRY W. SHRYOCK
HELEN BRYDEN
JENNIE MITCHELL

English 6. (A Reading).—This class concerns itself with the pedagogy of reading, and in the main the work follows the outline in the State Course of Study.

English 8. (Elocution).—Text, Cumnock's Choice Reading.

English 10. (B Literature).—Technique of poetry. Texts, Lanier's Science of English Verse and Corson's Primer of English Verse; supplementary studies, Macbeth, Paradise Lost, Idylls of the King, Princess.

GRAMMAR

MARTHA BUCK
LILY GUBELMAN

State Course Grammar.—The grammar work outlined in the State Course of Study will be studied both as to subject matter and as to method of presentation. As the seventh year's work is to be taught during the year 1916-1917, special emphasis will be placed upon that part of the work.

B Grammar.—The first half of the term will be devoted to a study of analysis, with such study of the parts of speech as is necessary to an understanding of the structure of the sentence. The second half will be devoted to the parts of speech and their inflections, a review of analysis, and a study of abridgment, with the grammatical changes involved and the principles which underlie them.

A Grammar.—The first half of the term will be given to the work for the grades as outlined in the State Course of Study. The purpose of language lessons and the suggestions as to material to be used will be discussed. The method of using the material will be observed in the work done in the training department. How to adapt the teaching to the capacity of pupils in the different grades will be considered. The second half of the term will be given to the difficult points in English grammar. How to make our teaching practical will be emphasized and illustrated. Idioms in good use and figures of syntax are part of this work.

DEPARTMENT OF LANGUAGES

C. E. ALLEN
J. M. PIERCE
EMMA L. BOWYER

Latin 3 (J) Hale's First Latin Book. The first half of this course (Latin 3) will be offered for the Mid-Spring Term (½ credit). The second half will be given during the Summer Session. The class will finish Hale's First Latin Book, and spend the last two weeks reading Ritchie's Fabulæ Faciles (½ credit).

Latin 1 (L) For beginners in Latin. Hale's First Latin Book will be used as the text, and there will be two recitations per day.—Summer Session, 1 credit.

Classes will be organized for more advanced work in Latin, if there is a sufficient demand.

German

Spring Term—Second Half.

Students with enough preparation may enter any of these classes, which will read all of the texts named:

Second year, Hauff: Der Zwerg Nase.

Third year, Frommel: Eingeschneit.

Fourth year, Sudermann: Frau Sorge.

French

Second year, Erckmann—Chatrian: Madame Therese.

Summer Term

Classes will be formed in German, French, or Spanish, according to the demand. The texts will depend upon the advancement of those in the classes.

HISTORY

GEO. W. SMITH
ADDIE WHITE

A History.—A class in method history will be formed May 1, the beginning of the mid-spring term. This class will continue through the summer session. Full credit will be given to those entering May 1 and remaining to end of summer term.

English History.—This course will be given this summer session twice daily. Full credit.

American History.—The constitutional period will be studied, twice daily. Full credit.

Review History.—A class will be formed in the summer session to accomodate those who wish to take teachers examintion. Twice daily. Full credit.

Civics.—A course in Civics will be offered in the summer session twice daily. Full credit.

ART

MATILDA F. SALTER
GRACE L. BURKET

Art 3. (Blackboard Drawing).—Blackboard sketching will be offered to meet the demand that the teacher shall be able to draw on the blackboard rapidly and clearly for purposes of illus-

tration. Practice will be given in drawing from objects, from memory, and from imagination.

Art 2. (Water Color).—There will be a class in water color for the study of the theory of color and of color harmonies. The work will be from nature and still life.

Art 5. (History of Art).—History of Art will be offered beginning with the mid-spring term. The course will include a study of architecture, sculpture and painting, in order that the student may become familiar with the masterpieces in these subjects. The school owns a large collection of pictures and some good lantern slides. These are used in connection with talks. Each student will be required to make a note book to cover the work of the term. The divisions, Architecture and Sculpture, will be taken up the last six weeks of the spring term, and Painting the summer session.

Art 6. (Elementary Design).—The last six weeks of the spring term there will be offered a course in design, which will include a study of the principles of design, balance, rhythm and harmony; and of the terms, tone, measure, and shape. By problems the student is led to practical application of these terms and principles. Leather tooling and stenciling will be among the problems.

The summer term course will include the general principles of lettering, letter forms and proportions, and their application in advertising design. This term will also include booklet making for the grades and the sewing and binding of books.

PSYCHOLOGY AND PEDAGOGY

GEO. D. WHAM

Summer Term.

School Management.—The following topics indicate the nature of the course: The first day of school; the organization of the school; the making of programs; discipline and moral

training; securing and holding attention; the technique of the recitation; school equipment; sanitation and decoration; the teacher's relation to parents, school board, community and profession.

This course aims to meet the requirements of the new certification law as to its demand for the principles and methods of the State Course of Study.

Bagley's Class Room Management and the State Course of Study will be used as texts.

Two recitations daily. One credit on completion of the work.

Psychology.—This is a course in elementary educational psychology. The various principles that underlie effective teaching are developed, illustrated by concrete exercises and problems, and then exemplified by illustrative lessons taught by the critic teachers of the Training School.

Colvin and Bagley's "A First Book in Psychology" is the text.

Mid-Spring Term.

History of Education.—This course continues one hour a day throughout the summer term, and the work is so planned that students may enter the class at the beginning of the summer term and make a half credit in Education.

Graces' "A Student's History of Education" is the text.

MUSIC

GLENN C. BAINUM
RUTH BRADLEY, ASSISTANT
JULIA DICKERMAN CHASTAINE, VIOLIN, CELLO
H. RAYMOND MOORE, BRASS WIND INSTRUMENTS

Public School Music

MR. BAINUM

For the convenience of students in the mid-spring and summer terms, the courses in music have been divided into short courses of six weeks each. Thus, students may take Music 2a

alone, receiving one-half credit, or they may follow it with Music 2b, receiving a full credit for the entire twelve weeks' work.

Music 2. (Elementary Music).—Although designed for grade teachers, this course is equally valuable to students in voice, piano, or orchestral instruments. It includes the study of the symbols of notation, major, minor, and chromatic scales, measures in common use, rhythmic patterns, musical terms, syllable singing, song study, etc. Facility and accuracy in sight singing is one of the principal aims of this course. Music 2a is the first half of this course, Music 2b, the second half. Prerequisite: Music 1 (Preparatory Music), or its equivalent.

Texts: Music Readers, supplied.
Music Notation and Terminology, Gehrkens.

Music 3. (Public School Methods).—Music 3 combines the study of methods, theory, history, and biography. The study of methods includes the systematic study of at least one course in public school music, outlines of the music as presented in the Training School, care and training of the child-voice, monotones, class organization, rote songs, and song interpretation. The study of theory is advanced, and includes the study of diatonic and chromatic scales, key relationship and modulation employing chromatics as members of the dominant seventh chord, common chords, terminology, sight reading, and song analysis. Music 3a is the first half, Music 3b the second half of this course. Prerequisite: Music 2.

Texts: Readers, supplied.
Music Notation and Terminology, Gehrkens.
Education Through Music, Farnsworth.

Music 4. (Music Appreciation).—This course includes a thorough study of the history of music, the opera, the development of the modern orchestra, etc. The Victrola is used for purposes of illustration. Two days each week are given to elementary work in harmony. Prerequisite: Music 2, or its equivalent.

Instrumental Music

MRS. CHASTAINE, MR. MOORE, MISS BRADLEY.

The University is prepared to offer free instruction in piano and in all string and wind instruments. Classes will be arranged to accommodate applicants for lessons.

GEOGRAPHY

FRANK H. COLYER

1. *A Geography.* During the last six weeks of the Spring Term A Geography will be offered. This course will deal with the principles and methods of teaching geography in the primary, intermediate and advanced grades in the public schools. One-half credit will be given for successful work in this six weeks term, or one credit if taken two hours per day.

Physiography. In the Summer Term A Geography may be followed by Physiography. One credit for six weeks' work may be secured if taken two hours per day. This course is designed primarily for those who may wish to offer Physiography as one of the five sciences necessary for a first grade certificate.

B Geography. A brief review of mathematical geography, winds and rainfall will be given, followed by a careful study of Europe. This course is designed primarily for those who may wish to teach the "Seventh Year's" Geography as outlined in State Course of Study, or who may wish credit in regular second year Normal courses. The class will recite two hours each day. One credit allowed for successful work.

MATHEMATICS

W. T. FELTS
WARD H. TAYLOR
E. G. LENTZ

The work in Mathematics for the summer session is planned primarily for teachers who wish to make credits towards a certificate renewal, and secondarily for students who wish to make

credits towards graduation. All the courses offered are double period courses, and satisfactory work will entitle the pupil to one full credit for each course taken. However, Mathematics 10, (B Arithmetic) and Mathematics 30 (A Arithmetic) will be so organized that a pupil may take either for only one period a day and receive one-half credit for satisfactory work.

Math. 3. Mr. Taylor, Room 23; and Mr. Lentz, Room 22.

Combined Algebra and Geometry for beginners, adapted to work in arithmetic. This is the same course offered regularly the spring term of the first year. It is to develop the algebraic work suggested in the state course of study. Text: First Year Mathematics.—Breslich.

Math. 20, (C Geometry), Mr. Taylor, Room 23.

This course is for beginners in the study of formal plane geometry, and for others who may wish to review the theorems in rectilinear figures, circles and measurement of line segments. Text: Plane Geometry—Slaught and Lennes. Chapters I-III.

Math. 10. (B Arithmetic). Mr. Lentz, Room 22.

Mensuration of surfaces and solids, temperature, metric system, involution, evolution, specific gravity. This is a required course for all students completing any of the regular normal courses. Single or double period study. Text: Sensenig and Anderson's Arithmetic.

Math. 30. (A Arithmetic). Mr. Felts, Room 21.

This is the class in methods. It is open to those who have completed Arithmetic B, and to those who hold a valid certificate. It is a double period study; either or both may be taken. First period, the pedagogy of arithmetic; second, the application to the state course of study. Texts: How to Teach Arithmetic—Brown and Coffman. Illinois State Course of Study.

Math. 15. (C Algebra) or Math. 25. (Trigonometry), Mr. Felts, Room 21.

Whether a class in C Algebra or Trigonometry will be organized will depend upon the relative number of calls for each.

C Algebra includes a review of factoring, and all of fractions in Wells' Essentials of Algebra. Trigonometry includes all of the text, Wells' New Complete Trigonometry, that can be covered in the six weeks.

CHEMISTRY 1.

GEORGE M. BROWNE

Chemistry 1 is beginning chemistry. This course was designed for the students in the Domestic Arts and the Agriculture courses and is the chemistry of air and its constituents, oxygen, nitrogen, carbon dioxid, water, ammonia, nitric acid, and sulfur dioxid. It also includes some study of the more common acids, bases and salts; the consideration of the fundamental laws and theories of chemistry; and the simpler chemical operations. One-half of the time is devoted to work in the laboratory. Full reports of laboratory work are promptly made in writing for the future use of the student.

PHYSICS

S. E. BOOMER

(C). Mid-spring: First hundred pages of Millikan and Gale's text including liquid pressure, air pressure, molecular motions, forces and motions; accompanying laboratory work in Millikan, Gale, and Bishop's manual. Seven periods per week; one-half credit.

Summer: Continuation of above course through page 206 including molecular forces, thermometry, expansion, work and mechanical energy, machines, work and heat energy, transference of heat; accompanying laboratory work. Seven periods per week. One-half credit.

(A). Mid-spring: Jackson and Jackson's Magnetism and Electricity. Emphasis is placed on practical applications as types of batteries, telegraph, telephone, dynamo, motor, lighting sys-

tems. Laboratory and library work accompanying. Seven periods per week. One-half credit.

Summer: Above course continued. General review of Millikan and Gale's physics. Accompanying laboratory and library work. Seven periods per week. One-half credit.

(B). Students may enter the regular class. Sound and light will be given during the mid-spring term. Next spring term the order of treatment will be reversed, if there is sufficient demand, so that magnetism and electricity will be given during the mid-spring term. Each term will receive half credit and both terms will constitute the full course in B physics.

Special lectures. A series of six lectures, one each week during the summer term, will be given on physical and astronomical subjects. No requirements, no credit.

BIOLOGY

J. P. GILBERT
W. M. BAILEY
MARY M. STEAGALL

G. H. FRENCH, CURATOR OF MUSEUM

Biology 1. This is a first course in Zoology for those who have no credit for the subject in a good high school. The course will cover the general field of Zoology, using type studies as a basis for the larger group studies, and as a means of training in method of approach to the study of animals. Considerable emphasis will be placed on field studies as well as on the laboratory and recitation work. This may be taken as the last half of the course started in the mid-spring term, or it may be taken by those entering for the summer term only. One-half credit.

Biology 2. Advanced Zoology, offered for students who have had a thorough course in elementary Zoology. Chiefly field work making a study of local fauna. One-half credit.

Biology 5. Ornithology,—will be offered if students want it.

Biology 21.—Elementary Botany.

A first course in botany. This course presents a general view of the field of botany, and includes an elementary study of the more common types of plants, their structures, functions and life relations. The student is introduced to some of the elementary and important facts concerning the life processes as they may be seen in plants. Attention is also given to presenting the practical and economical phases of the subject. Recitations, laboratory and field studies. This course will be a continuation of the course given in the mid-spring term. It may also be taken by those who attend only the summer term. Half credit.

Biology 26.—Advanced Botany.

This course is offered for those who have had the course in elementary botany, or high school botany, and desire more advanced work. It will be mainly a field course, consisting of a study of the local flora. One-half credit.

AGRICULTURE

R. E. MUCKELROY

H. B. PIPER

ANIMAL STUDIES

Students who are prepared for the work will be admitted to the regular classes in Animal Husbandry. For those who are not as well prepared, special classes will be organized, either for half term or full term credit, and such work given as required.

For a description of the various courses see the regular catalogue.

CROP PRODUCTION

The class in crop production will make an elemetary chemical and physical study of the soil. The first six weeks will be spent studying the essential elements of plant growth, methods of maintaining soil fertility, and crop rotations. The remaining part of the term will be spent on such topics as soil moisture, cultivation, aeration, etc.

Some time will be spent in the laboratory.

HOUSEHOLD ARTS

MISS JONES — MISS WOODY

Household Arts 17—Mid-spring course.

The course will be particularly planned for the teacher who may desire a general knowledge of household arts with the view of using it in the school room. Three lessons per week will be given in foods and cookery and two lessons in home management and equipment. One-half credit for the six weeks.

Household Arts 17—Summer term.

A continuation of the mid-spring course which will give the full credit. However, any student may enter this half without the mid-spring work, thereby gaining one-half credit. Throughout the work the rural school will be given particular attention.

Household Arts 16. A general course in foods, cookery and home economics for those students who are interested in home making.

Household Arts 18—Mid-spring term.

This is a general course for grade teachers embracing both hand and machine work and a study of textiles. The articles made embody the fundamental principles involved in sewing, and are suitable to be taught in the grades. The first half term's work, beginning May 1, is so planned as to be complete in itself so that it may be taken without the latter half. This is also true of the latter half term's work, which begins with the regular summer term. Half credit is given for each six weeks' work. This course may be substituted for the regular fall term's work, Household Arts 1.

Household Arts 2—Summer term.

This is the course offered regularly in the winter term. It introduces machine work in garment making. The garments are planned as to style, suitability of material, and trimming and economical purchase of material. The work involves the alteration of commercial patterns, the drafting of some patterns, fitting of garments, and the various ways of setting in trimmings.

The work of Textiles embraces the study of cotton, silk and linen.

MANUAL ARTS

MR. PETERSEN

MID-SPRING TERM

The students who complete the work offered in the six-weeks' spring term will receive a half credit for each subject. This work is so articulated with that of the summer term that, together, they are equivalent to the work of a regular term.

Elementary Construction

For teachers of grades below the seventh.

Articles will be constructed involving typical processes in such materials as the children in the lower grades are able to work: portfolio, scrap book, picture album, note book, toy furniture for a doll's house, and a variety of mechanical toys and furniture of thin wood. Stick and blue printing. Appropriate design, finish and decoration will be worked out.

Benchwork

For teachers of grades above the fifth.

In addition to the general demonstrations of typical processes in construction and discussion of strength, properties and uses of the different materials, individual instruction will be given so that students of different experiences may make the progress in accuracy, dexterity and constructive sense that is expected. The use and care of tools, the method of attacking a problem in design and execution of a project, and the selection of suitable contents for Courses in Manual Training, will be considered.

SUMMER TERM

Elementary Construction

This course includes the constructing of a series of useful

articles of inexpensive materials, with little equipment, and can be taught in the regular classroom.

Study occupations and industries and reproduce them in the school.

Practice in folding, symmetrical cutting, pasting, measuring, drawing, printing, cord-knotting, braiding, tying, weaving and basket-making.

Bench Work

This includes the care and use of tools. Practice in reading working drawings, making and finishing useful projects of woods and thin metals.

Study of strength of materials, principles of design and methods of construction.

Talks on the different industries, methods of manufacture, and contents of Manual Arts Courses.

Machine Shop Practice

This course offers an excellent opportunity for gaining accurate knowledge of the mechanism and operation of metal-working tools and machinery and of shaping and assembling machine parts. The exercises include work at the vise, drill press, lathe and planer.

Addition of valuable machines to this department has recently been made, a fact that should arrest the attention of men who wish to acquire a high degree of mechanical training and a familiarity with modern shop practice.

Projects made by the students include jackscrews, adjustable drawing stands, grinding machines, gasoline engines and 14-inch patternmaker's lathe.

Mechanical Drawing

This work will be done according to approved drafting-room methods and will include practice in the use of instruments, applied geometry, lettering, orthographic projection, developed surfaces and intersections, working drawings and drawing for reproduction.

PHYSICAL TRAINING

Summer Session. Play Ground Work (Theory and Practice). Folk Dancing.

COMMERCIAL DEPARTMENT

Bookkeeping, Banking, Business Arithmetic, Penmanship Commercial Law, Stenography and Typewriting, Stenotypy

RICHARD V. BLACK
ANNE MC OMBER, ASSISTANT
CHARLES ISMERT, ASSISTANT

Penmanship

Two things are sought in penmanship, legibility and rapidity. The work in this course is devoted to the rapid muscular movements and a study of the small letter forms. The letters are studied in groups and drills given that will develop each group.

Drills in movement. Ovals, direct and indirect. Straight line. Single and combination letter drills. Word drills and dictation exercises to establish uniform tempo. Special drill on business capitals and their combinations with small letters. Figures. Business forms and business letters.

Commercial Arithmetic

A mastery of single column addition. Some time will be given to double columns addition. Short cuts in dealing with the fundamentals. The single equation method of stating and solving problems. Methods employed by expert accountants in solving problems and checking results. Arithmetical problems in business.

Denominate numbers. Bills. Statements. Account Sales. Shipments. Cash account. Bank account. Closing and ruling ledger accounts. Daily balances. Percentage. Profit and loss. Interest. Bank discount. Trade discount. Brokerage commission. Premium. Stocks. Bonds. Insurance. Taxes. Negotiable paper. Partnership. Annuities. Building and loan.

Bookkeeping

This course is introductory bookkeeping and is planned for those who have never studied the subject. The work is taught on the laboratory plan. The double entry system is introduced in the beginning and all the laws governing the debit and credit of business transactions are fully explained and mastered. The journal, day book, cash book, sales book, purchase book and the auxiliary books are introduced and their use in accounting fully demonstrated. A complete line of business transactions are placed in the books of original entry, posted to the ledger, trial balance taken, inventories entered, and accounts closed. Loss and gain account and financial statement are worked out, and the entire ledger summarized in the balance sheet.

Shorthand

Shorthand I. (Com. 17) A study of the principles given in the Gregg Shorthand Manual, Lessons I to VIII inclusive; elementary sounds and their shorthand representatives; word building; word signs; phrasing; reading and writing simple sentences; supplementary reading from the Gregg Writer plates.

Typewriting

Text, Rational Typewriting, Cutler and SoRelle.

Typewriting I. (Com. 23) Lessons I to X inclusive; instruction in correct habits of position, touch, fingering, and care and manipulation of the machine.

THE TRAINING SCHOOL

The first four grades of the Training School will be doing regular beginning work in subjects offered. This will afford ample opportunity for Practice One, and limited opportunity for Practice Two and Three. The work given to the pupils will be reading, history, arithmetic, language, and industry. Opportunity

will be given to see work in public school music and physical training.

Practice One. First term practice will be a composite course including observation, plan writing, and teaching. The observation work will include physical conditions, routine factors in class room management, standards of teaching efficiency, and specific forms of development, attention and interest, habit, affective qualities, etc. Much reading will be required along these suggested lines. This work will include one period each day for discussion. To secure one unit of credit the entire work must be taken. No credit will be given for less than full work. Class discussion will occur each day at the *first* hour. Observation will occur each day as follows: In the first and fourth grades at 8:15; in the second grade at 9:00; in the third grade at 10:15.

Practice Two and Three. This work includes plan writing, reference work, and teaching under close supervision. One-half unit of credit will be given for each subject taught.

THE LIBRARY

MARY B. DAY
MARY LOUISE MARSHALL, ASSOCIATE

The Wheeler Library possesses a working library of some 28,000 volumes and 1,200 pamphlets. It is classified according to the Dewey decimal classification. There is a dictionary card catalogue with full analytical cards (author, title, subject, etc.). The books have been selected with reference to the needs of the various departments. They comprise standard works in literature, travel, history, science, philosophy, pedagogy and art, and general works of reference, including dictionaries, encyclopedias, year books, atlases and books of quotations. All periodical literature, that has permanent value, is bound and made accessible by Poole's index, the reader's guide, etc. The library subscribes to over a hundred of the best current periodicals, and receives daily many newspapers from surrounding towns and counties.

The library contains much bibliographical material on children's literature, many beautifully illustrated books for children by well known illustrators, lists of children's books, etc. Many of the government's reports are catalogued, such as the U. S. Department of Agriculture, Farmers' Bulletins, U. S. Commissioner of Education, etc.

The library is open daily during school hours and on Saturday mornings.

A course in elementary library instruction—the use of books as tools, book selection for a small school library, the use of a card catalog, the preparation of a bibliography, etc., will be given in the summer term if the demand warrants it. It will be untechnical in character. Two periods a week—half credit.

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